

## Declaration of Conformity

### For SAN Products

1. Names and addresses

**Seller**

CAMBRO Manufacturing  
5801 Skylab Rd.96S  
Huntington Beach, California

**Manufacturer**

Cambro Manufacturing

2. General requirements

We CAMBRO Manufacturing (supplying company) confirm the materials and articles listed below or in the attachment

The analyses performed by pH Srl – gruppo TÜV SÜD on the following samples:

- Black color as reported on test report 23-FC01307;
- White color as reported on test report 23-FC01308.
- Red color as reported on test report 23-FC01309.
- Ruby Red color as reported on test report 23-FC01310.
- Sapphire Blue color as reported on test report 23-FC01311.
- Light Amber color as reported on test report 23-FC01312.
- Spanish Green color as reported on test report 23-FC01313.
- - Slate Blue color as reported on test report 23-FC01314.
- Amber color as reported on test report 23-FC01315.
- Birch color as reported on test report 23-FC01316.

meet the requirements of Reg. (EC) 1935/04 and Reg. (UE) 10/2011 and other EU regulation.



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item description	item number
Lido Tumblers	LDT5
	LDT6
	LDT9
	LDT10
	LDT12
	LDT16
	LDT22
Newport Tumblers	NT5
	NT8
	NT9
	NT10
	NT12
	NT14
	NT16
	NT20
Laguna Tumblers	LT6
	LT8
	LT10
	LT12
	LT14
	LT16
	LT22
Del Mar Tumblers	D8
	D12
	D14
	D16
	D24
Colorware Tumblers	500P
	500P2
	800P
	800P2
	900P
	900P2
	950P
	950P2
	1200P
	1200P2
	1600P
	1600P2
	2000P
	2000P2
	3200P2
20CC	
32CC	

Swirl Bowls	SRB5
	SRB13
Crocks & Platter	DC5
	DC10
	DP15
ShowFest Display Bowls & Trays	SFV1015
	SFR1012
	SFG1012
	SFG1015
	SFG820
	SFG1220
Budget Salad Bowls	SB55
	SB60
	SB80
Clear Color Crock with Lid	CCP12
	CCP15
	CCP27

comply with the legal requirements of the Plastics Regulation (EU) No. 10/2011 and its subsequent amendments, as well as Regulation (EU) No. 2020/1245, ministerial decree 21/03/1973 and its subsequent amendments, decree of the president of the republic n° 777 of 23/08/82, Legislative Decree 29 of 10/02/2017, as well as the Regulation (EU) No. 1935/2004, in the version valid at the time this declaration was issued. In addition, this product is manufactured under the relevant requirements of good manufacturing practices (GMP) Regulation No 2023/2006.

The total migration as well as the specific migrations are below the legal limits when used according to specifications. The test was carried out in accordance with Regulation (EU) No. 10/2011 (Annex V), ministerial decree 21/03/1973 and its subsequent amendments, decree of the president of the republic n° 777 of 23/08/82, Legislative Decree 29 of 10/02/2017.

The materials and raw materials used comply with Regulation (EU) No. 10/2011 and its subsequent amendments, as well as Regulation (EU) No. 2020/1245, ministerial decree 21/03/1973 and its subsequent amendments, decree of the president of the republic n° 777 of 23/08/82, Legislative Decree 29 of 10/02/2017. The use of non-evaluated substances is only carried out if it cannot be avoided. Unevaluated substances are only used behind a functional barrier (FB). The non-evaluated substances used have been proven not to be "mutagenic", "carcinogenic" or "toxic for reproduction".

"Evaluated substances" are substances that have been evaluated from a toxicological point of view by a recognized institution in Europe such as the European Food Safety Authority (EFSA), the Federal Institute for Risk Assessment (BfR) or comparable institutions and are therefore suitable for use in materials and articles intended to come into contact with foodstuffs within the meaning of Article 1 of Regulation (EC) 1935/2004. The restrictions associated with the use, e.g. application quantity limit, migration restrictions, etc. must be observed.

Evaluated substances are listed in individual measures according to Article 5 of Regulation (EC) 1935/2004 such as Annex 1 of the Plastics Regulation (EU) 10/2011 or listed in national regulations, among other ministerial decree 21/03/1973, decree of the president of the republic n° 777 of 23/08/82, Legislative Decree 29 of 10/02/2017, and recommendations or evaluations are available for the substances in the form of statement from one of the admitted institutions.

Evaluated substances are intentionally used in the manufacture and marketing of materials and articles intended to come in contact with food.

We only carry out changes in composition after consultation and written approval by the customer, which requires the issue of an updated declaration of conformity.

We carefully follow the new publications of the relevant laws and will inform the customer about significant changes in laws and standards that are relevant related to the production and use of the product.

### 3. Migration and residual contents

The following substances with restrictions and/or specifications are used in the above mentioned products:

Substance Name	Content
SAN	100%

#### 3.1. Overall migration limit (OM)

The total migration as well as the specific migrations are below the legal limits if applied according to their specification. The test was carried out in accordance with Regulation (EU) No. 10/2011 and EU 2020/1245.

The restrictions for evaluated substances (SML, QM, QMA, ND) in the Union list of Regulation (EU) 10/2011 and Directive 2007/42/EC, are met under the test conditions given above. In the listed TÜV official reports

#### 3.2. Dual-Use-Additive

This product does not contain any substances authorized as food additives in Regulations 1333/2008/EC and 1334/2008/EC.

### 4. Substance Restriction under EU 10/2011

This product contains substances which have either Specific Migration Limit (SML) and/or Total Specific Migration Limit (SML(T)) and/or QM (residual content) and/or QMA (residual content per food contact surface area) defined in Tables 1-3 of Annex I of EC 10/2011.

The table below provides the components of the product that are restricted under EU 10/2011:

Name	CAS No.
SAN	9003-54-7
SAN	100-42-5

### 5. Substances of Very High Concern

The requirements of Regulation (EC) No. 1907/2006 (REACH) are fulfilled for all components of the material. It is assured that no substances of very high concern within the meaning of Regulation (EC) No. 1907/2006 are contained. The basis is the currently valid "Candidate List of Substances of Very High Concern" (SVHC list).

6. NIAS (Not intentional added substances)

NIAS are substances introduced unintentionally during the manufacture and marketing of materials and articles intended to come into contact with food, such as impurities in the substances used, reaction intermediates formed during the manufacturing process or degradation or reaction products.

Whether the unintentionally introduced substances comply with Article 3 of Regulation (EC) No 1935/2004 must be assessed in accordance with internationally accepted scientific principles on risk assessment (see Article 19 of Regulation (EU) No 10/2011 - EU 2015/174).

7. Specification of intended use or restrictions

- Type(s) of food or process for which the material is suitable:  
Cold and warm food  
Storage of food

No functional barrier made of plastic is used in the above mentioned product.

8. General information

This confirmation applies to the product delivered by us as described; the conformity test was carried out in accordance with the rules of Regulation (EU) No. 10/2011 and its subsequent amendments, as well as Regulation (EU) No. 2020/1245, ministerial decree 21/03/1973 and its subsequent amendments, decree of the president of the republic n° 777 of 23/08/82, Legislative Decree 29 of 10/02/2017, and Regulation (EC) No. 2023/2006 (Good Manufacturing Practice); thereafter, the product meets the specifications if the specified food contact conditions are observed. In case of deviations from the food contact conditions, the user must satisfy himself of the suitability.

It is pointed out that no contact between printing ink and food must occur.

Date: 9/19/23  
Name: Pierre Clemons  
Title: Quality Systems Manager

Signature: 

Valid: until revoked by reissue



pH Labs

Att. to:  
**CAMBRO PRESSWERK KONGEN GMBH**  
**Kelterstrasse 51**  
**UNTERENSINGEN 71669**

Refer to:  
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0558071099

Date  
29/08/23

## VALIDATION LETTER

The analyses performed by pH Srl – gruppo TÜV SÜD on the following samples:

- **DC10110 - Black color** as reported on test report 23-FC01307;
- **DC10148 - White color** as reported on test report 23-FC01308;
- **DC5404 - Red color** as reported on test report 23-FC01309;
- **D14156 - Ruby Red color** as reported on test report 23-FC01310;
- **D8608 - Sapphire Blue color** as reported on test report 23-FC01311;
- **D12609 - Light Amber color** as reported on test report 23-FC01312;
- **LT8427 - Spanish Green color** as reported on test report 23-FC01313;
- **NT16401 - Slate Blue color** as reported on test report 23-FC01314;
- **NT 8153 - Amber color** as reported on test report 23-FC01315;
- **SB55174 - Birch color** as reported on test report 23-FC01316;

meet the requirements of Reg. (EC) 1935/04 and Reg. (UE) 10/2011

The results reported in the test reports relate only to the sample analysed, the sampling of which was performed by the Customer under his responsibility

Based on the statement sent to us by the customer, the following articles:



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Item Description	Item Number
Lido Tumblers	LDT5
	LDT6
	LDT9
	LDT10
	LDT12
	LDT16
	LDT22
Newport Tumblers	NT5
	NT8
	NT9
	NT10
	NT12
	NT14
	NT16
	NT20
Laguna Tumblers	LT6
	LT8
	LT10
	LT12
	LT14
	LT16
	LT22
Del Mar Tumblers	D8
	D12
	D14
	D16
	D24
Colorware Tumblers	500P
	500P2
	800P
	800P2
	900P
	900P2
	950P
	950P2
	1200P
	1200P2
	1600P
	1600P2
	2000P
	2000P2
	3200P2
	20CC
32CC	
Swirl Bowls	SRB5
	SRB13



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Crocks & Platter	DC5
	DC10
	DP15
ShowFest Display Bowls & Trays	SFV1015
	SFR1012
	SFG1012
	SFG1015
	SFG820
Budget Salad Bowls	SFG1220
	SB55
	SB60
Clear Color Crock with Lid	SB80
	CCP12
	CCP15
	CCP27

are made with the same raw material and with the same production process; based on this statement and based on study on sample (which it is the "worst case" for the "surface-volume ratio" parameter), the listed products could referred to test report No. 23-FC01307; 23-FC01308; 23-FC01309; 23-FC01310; 23-FC01311; 23-FC01312; 23-FC01313; 23-FC01314; 23-FC01315; 23-FC01316 and should meet the requirements of Reg. 1935/04 and Reg.10/2011 in relation to the analyses performed.





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LAB N° 0069 L

## TEST REPORT

N° 23-FC01307

**Sample identification number:** 23-FC01307  
**(C) Sample description:** DC10110 - Black color  
**(C) Sampled by:** Customer (§)  
**(C) Customer:** CAMBRO PRESSWERK KONGEN GMBH  
 Kelterstrasse 51  
 UNTERENSINGEN 72669  
**Arrival date:** 21/06/2023

## RESULTS

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
* Time and temperature at first, second, third attack										
* Time		10		days					21/06	21/06
* Temperature		40.0		°C					21/06	21/06
* Residual styrene monomer		0.096		%		0.5	0_A		28/06	31/07
<i>FDA - Title 21 - 177.1640</i>										
Colorants specific migration in ethanol 10% by immersion at third attack										
<i>DM n°34 21/03/1973 SO GU n°104 20/04/1973 All IV Sez VII</i>										
Colorants specific migration in acetic acid 3% by immersion at third attack										
<i>DM n°34 21/03/1973 SO GU n°104 20/04/1973 All IV Sez VII</i>										
Colorants specific migration in sunflower oil by immersion at third attack										
<i>DM n°34 21/03/1973 SO GU n°104 20/04/1973 All IV Sez VII</i>										
* Silicon dioxide content		< 0.01		mg/kg	0.01	1	0_A		28/06	12/07
<i>MP/C/1090 rev 0 2017</i>										
Specific migration of acrylonitrile in ethanol 10% at first, second and third attack										
<i>UNI EN 13130-1:2005 + UNI EN 13130-3:2005</i>										
* Acrylonitrile at first attack		< 0.01		mg/kg	0.01	0.01	0_A		21/06	01/08
<i>UNI EN 13130-1:2005 + UNI EN 13130-3:2005</i>										
* Acrylonitrile at second attack		< 0.01		mg/kg	0.01	0.01	0_A		21/06	01/08
<i>UNI EN 13130-1:2005 + UNI EN 13130-3:2005</i>										
* Acrylonitrile at third attack		< 0.01		mg/kg	0.01	0.01	0_A		21/06	01/08
<i>UNI EN 13130-1:2005 + UNI EN 13130-3:2005</i>										
* Ethylene oxide specific migration in water at first attack		< 0.01		mg/kg	0.01	0.01	0_A		28/06	02/08
<i>UNI EN 13130-1:2005 + MP/C/1090 rev 0 2015</i>										
* Ethylene oxide specific migration in water at second attack		< 0.01		mg/kg	0.01	0.01	0_A		28/06	02/08
<i>UNI EN 13130-1:2005 + MP/C/1090 rev 0 2015</i>										
* Ethylene oxide specific migration in water at third attack		< 0.01		mg/kg	0.01	0.01	0_A		28/06	02/08
<i>UNI EN 13130-1:2005 + MP/C/1090 rev 0 2015</i>										
Overall migration in acetic acid 3% by immersion at first attack										
<i>UNI EN 1186-1:2003 + UNI EN 1186-3:2003</i>										
Reply A at first attack										

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LAB N° 0069 L

N° 23-FC01307

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
Reply B at first attack		< 0.5		mg/dm <sup>2</sup>	0.5				21/06	09/08
Reply C at first attack		1.00		mg/dm <sup>2</sup>	0.5				21/06	09/08
Overall migration in acetic acid 3% by immersion at second attack <i>UNI EN 1186-1:2003 + UNI EN 1186-3:2003</i>		< 0.5		mg/dm <sup>2</sup>	0.5		0_A		21/06	09/08
Reply A at second attack		< 0.5		mg/dm <sup>2</sup>	0.5				21/06	09/08
Reply B at second attack		< 0.5		mg/dm <sup>2</sup>	0.5				21/06	09/08
Reply C at second attack		< 0.5		mg/dm <sup>2</sup>	0.5				21/06	09/08
Overall migration in acetic acid 3% by immersion at third attack <i>UNI EN 1186-1:2003 + UNI EN 1186-3:2003</i>		< 0.5		mg/dm <sup>2</sup>	0.5	10	0_A		21/06	09/08
Reply A at third attack		0.50		mg/dm <sup>2</sup>	0.5				21/06	09/08
Reply B at third attack		< 0.5		mg/dm <sup>2</sup>	0.5				21/06	09/08
Reply C at third attack		< 0.5		mg/dm <sup>2</sup>	0.5				21/06	09/08
Overall migration in ethanol 10% by immersion at first attack <i>UNI EN 1186-1:2003 + UNI EN 1186-3:2003</i>		0.50	±0.07	mg/dm <sup>2</sup>	0.5		0_A		21/06	09/08
Reply A first attack		0.50		mg/dm <sup>2</sup>	0.5				21/06	09/08
Reply B first attack		0.50		mg/dm <sup>2</sup>	0.5				21/06	09/08
Reply C first attack		0.50		mg/dm <sup>2</sup>	0.5				21/06	09/08
Overall migration in ethanol 10% by immersion at second attack <i>UNI EN 1186-1:2003 + UNI EN 1186-3:2003</i>		0.50	±0.07	mg/dm <sup>2</sup>	0.5		0_A		21/06	09/08
Reply A second attack		0.50		mg/dm <sup>2</sup>	0.5				21/06	09/08
Reply B second attack		0.50		mg/dm <sup>2</sup>	0.5				21/06	09/08
Reply C second attack		< 0.5		mg/dm <sup>2</sup>	0.5				21/06	09/08
Overall migration in ethanol 10% by immersion at third attack <i>UNI EN 1186-1:2003 + UNI EN 1186-3:2003</i>		0.50	±0.07	mg/dm <sup>2</sup>	0.5	10	0_A		21/06	09/08
Reply A third attack		0.50		mg/dm <sup>2</sup>	0.5				21/06	09/08
Reply B third attack		0.50		mg/dm <sup>2</sup>	0.5				21/06	09/08
Reply C third attack		0.50		mg/dm <sup>2</sup>	0.5				21/06	09/08
Overall migration in olive oil at third attack by immersion <i>UNI EN 1186-1:2003 + UNI EN 1186-2:2003</i>		< 0.5		mg/dm <sup>2</sup>	0.5	10	0_A		21/06	21/08
* Overall migration in oil at first attack, Average M1		3.00		mg/dm <sup>2</sup>	0.5				21/06	21/08
* Reply A at first attack		5.00		mg/dm <sup>2</sup>	0.5				21/06	21/08

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LAB N° 0069 L

N° 23-FC01307

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
* Reply B at first attack		3.50		mg/dm <sup>2</sup>	0.5				21/06	21/08
* Reply C at first attack		3.00		mg/dm <sup>2</sup>	0.5				21/06	21/08
* Reply D at first attack		0.50		mg/dm <sup>2</sup>	0.5				21/06	21/08
* Overall migration in oil at second attack, Average M2		< 0.5		mg/dm <sup>2</sup>	0.5				21/06	21/08
* Reply A at second attack		< 0.5		mg/dm <sup>2</sup>	0.5				21/06	21/08
* Reply B at second attack		< 0.5		mg/dm <sup>2</sup>	0.5				21/06	21/08
* Reply C at second attack		< 0.5		mg/dm <sup>2</sup>	0.5				21/06	21/08
* Reply D at second attack		0.50		mg/dm <sup>2</sup>	0.5				21/06	21/08
* Overall migration in oil at third attack, Average M3		< 0.5		mg/dm <sup>2</sup>	0.5				21/06	21/08
* Reply A at third attack		1.00		mg/dm <sup>2</sup>	0.5				21/06	21/08
* Reply B at third attack		< 0.5		mg/dm <sup>2</sup>	0.5				21/06	21/08
* Reply C at third attack		< 0.5		mg/dm <sup>2</sup>	0.5				21/06	21/08
19 METALS SPECIFIC MIGRATION IN ACETIC ACID 3% at first, second and third attack							0_A			
<i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
Aluminum at first attack		< 0.1		mg/kg	0.1	1	0_A		21/06	11/07
<i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
Aluminum at second attack		< 0.1		mg/kg	0.1	1	0_A		21/06	11/07
<i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
Aluminum at third attack		< 0.1		mg/kg	0.1	1	0_A		21/06	11/07
<i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
* Antimony at first attack		< 0.01		mg/kg	0.01	0.04	0_A		21/06	11/07
<i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
* Antimony at second attack		< 0.01		mg/kg	0.01	0.04	0_A		21/06	18/07
<i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
* Antimony at third attack		< 0.01		mg/kg	0.01	0.04	0_A		21/06	31/07
<i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
* Arsenic at first attack		< 0.01		mg/kg	0.01	0.01	0_A		21/06	11/07
<i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
* Arsenic at second attack		< 0.01		mg/kg	0.01	0.01	0_A		21/06	18/07
<i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
* Arsenic at third attack		< 0.01		mg/kg	0.01	0.01	0_A		21/06	31/07
<i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
Barium at first attack		< 0.1		mg/kg	0.1	1	0_A		21/06	11/07
<i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
Barium at second attack		< 0.1		mg/kg	0.1	1	0_A		21/06	20/07
<i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
Barium at third attack		< 0.1		mg/kg	0.1	1	0_A		21/06	01/08
<i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
* Cadmium at first attack		< 0.002		mg/kg	0.002	0.002	0_A		21/06	11/07
<i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
* Cadmium at second attack		< 0.002		mg/kg	0.002	0.002	0_A		21/06	18/07
<i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										

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pH Labs



LAB N° 0069 L

N° 23-FC01307

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
* Cadmium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.002		mg/kg	0.002	0.002	0_A		21/06	31/07
Cobalt at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	11/07
Cobalt at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	20/07
Cobalt at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	01/08
* Chromium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	11/07
* Chromium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	20/07
* Chromium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	01/08
* Europium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	11/07
* Europium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	20/07
* Europeium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	01/08
Iron at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	48	0_A		21/06	11/07
Iron at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	48	0_A		21/06	20/07
Iron at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	48	0_A		21/06	01/08
* Gadolinium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	11/07
* Gadolinium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	20/07
* Gadolinium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	01/08
* Lanthanum at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	11/07
* Lanthanum at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	20/07
* Lanthanum at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	01/08
Lithium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	0.6	0_A		21/06	11/07
Lithium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	0.6	0_A		21/06	20/07
Lithium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	0.6	0_A		21/06	01/08
Manganese at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.05		mg/kg	0.05	0.6	0_A		21/06	11/07
Manganese at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.05		mg/kg	0.05	0.6	0_A		21/06	20/07
Manganese at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.05		mg/kg	0.05	0.6	0_A		21/06	01/08
* Mercury at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.005		mg/kg	0.005	0.01	0_A		21/06	11/07
* Mercury at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.005		mg/kg	0.005	0.01	0_A		21/06	18/07

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pH Labs



LAB N° 0069 L

N° 23-FC01307

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
* Mercury at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.005		mg/kg	0.005	0.01	0_A		21/06	31/07
Nickel at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.02	0_A		21/06	11/07
Nickel at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.02	0_A		21/06	20/07
Nickel at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.02	0_A		21/06	01/08
* Lead at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	11/07
* Lead at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	18/07
* Lead at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	31/07
Copper at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	5	0_A		21/06	11/07
Copper at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	5	0_A		21/06	20/07
Copper at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	5	0_A		21/06	01/08
* Sum of lanthanides (Eu+Gd+La+Tb) at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	11/07
* Sum of lanthanides (Eu+Gd+La+Tb) at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	20/07
* Sum of lanthanides (Eu+Gd+La+Tb) at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	01/08
* Terbium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	11/07
* Terbium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	20/07
* Terbium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	01/08
Zinc at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	5	0_A		21/06	11/07
Zinc at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	5	0_A		21/06	20/07
Zinc at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	5	0_A		21/06	01/08
* Specific migration of PAA Reg. 10/2011 Annex II at first, second and third attack in 3% acetic acid <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		-					0_A			
* 2,2'-dichloro-4,4'-methylenedianiline at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 2,2'-dichloro-4,4'-methylenedianiline at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 2,2'-dichloro-4,4'-methylenedianiline at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4,4-Methylenedianiline at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4,4-Methylenedianiline at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08

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pH Labs



LAB N° 0069 L

N° 23-FC01307

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
4,4-Methylenedianiline at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4,4-Diaminodiphenylether at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4,4-Diaminodiphenylether at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4,4-Diaminodiphenylether at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4-Chloro-Aniline at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4-Chloro-Aniline at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4-Chloro-Aniline at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
Phenylendiamine at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.002		mg/kg	0.002		0_A		21/06	01/08
Phenylendiamine at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.002		mg/kg	0.002		0_A		21/06	01/08
Phenylendiamine at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.002		mg/kg	0.002		0_A		21/06	01/08
* 3,3'-Dimethoxybenzidine o-Dianisidine at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 3,3'-Dimethoxybenzidine o-Dianisidine at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 3,3'-Dimethoxybenzidine o-Dianisidine at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
3,3-Dimethylbenzidine at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
3,3-Dimethylbenzidine at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
3,3-Dimethylbenzidine at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
2-Methoxy-5-Methylaniline at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
2-Methoxy-5-Methylaniline at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
2-Methoxy-5-Methylaniline at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
2,4,5-Trimethylaniline at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08

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LAB N° 0069 L

N° 23-FC01307

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
2,4,5-Trimethylaniline at second attack 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
2,4,5-Trimethylaniline at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 4,4'-thiodianiline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 4,4'-thiodianiline at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 4,4'-thiodianiline at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 4-Aminoazobenzene at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 4-Aminoazobenzene at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 4-Aminoazobenzene at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4-Methoxy-m-phenylenediamine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4-Methoxy-m-phenylenediamine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4-Methoxy-m-phenylenediamine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
Aniline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	01/08
Aniline at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	01/08
Aniline at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	01/08
2,6-Toluenediamine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	01/08
2,6-Toluenediamine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	01/08
2,6-Toluenediamine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	01/08
4,4-Methylenedi-o-toluidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4,4-Methylenedi-o-toluidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4,4-Methylenedi-o-toluidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
2,6-Dimethylaniline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	01/08

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pH Labs



LAB N° 0069 L

N° 23-FC01307

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
2,6-Dimethylaniline at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001		0_A		21/06	01/08
2,6-Dimethylaniline at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001		0_A		21/06	01/08
o-Anisidine at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
o-Anisidine at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
o-Anisidine at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 2-naphthylamine at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 2-naphthylamine at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 2-naphthylamine at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 3,3'-dichlorobenzidine 3,3'-dichlorobiphenyl-4,4'-ylen. at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 3,3'-dichlorobenzidine 3,3'-dichlorobiphenyl-4,4'-ylen. at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 3,3'-dichlorobenzidine 3,3'-dichlorobiphenyl-4,4'-ylen. at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4-aminobiphenyl at first attacco <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4-aminobiphenyl at second attacco <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4-aminobiphenyl at third attacco <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
Benzidine at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
Benzidine at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
Benzidine third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
o-Toluidine at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
o-Toluidine at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08

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LAB N° 0069 L

N° 23-FC01307

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
o-Toluidine at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
2,4-Dimethylaniline at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001		0_A		21/06	01/08
2,4-Dimethylaniline at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001		0_A		21/06	01/08
2,4-Dimethylaniline at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001		0_A		21/06	01/08
4-Chloro-o-Toluidine at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4-Chloro-o-Toluidine at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4-Chloro-o-Toluidine at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
2,4-Toluenediamine at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
2,4-Toluenediamine at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
2,4-Toluenediamine at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* o-aminoazotoluene,4-amino-2',3-dimethylazobenzen. at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* o-aminoazotoluene,4-amino-2',3-dimethylazobenzen. at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* o-aminoazotoluene,4-amino-2',3-dimethylazobenzen. at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 5-nitro-o-toluidine at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 5-nitro-o-toluidine at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 5-nitro-o-toluidine at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
SUM OF PRIMARY AROMATIC AMINES IN ACETIC ACID 3% AT FIRST ATTACK <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	01/08
SUM OF PRIMARY AROMATIC AMINES IN ACETIC ACID 3% AT SECOND ATTACK <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	01/08

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pH Labs



LAB N° 0069 L

N° 23-FC01307

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
SUM OF PRIMARY AROMATIC AMINES IN ACETIC ACID 3% AT THIRD ATTACK <small>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</small>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	01/08

Legend:  
 unc = uncertainty; u.m. = unit of measurement; LOQ (limit of quantification); o.u. (operative unit); 0\_A (test performed at o.u. Barberino Tavarnelle - FI, Sangallo street); 0\_B (test performed at o.u. Barberino Tavarnelle - FI, Bramante street); II (mobile lab.); III (external analysis); LE.# (Subcontracted Test performed by a different lab.);  
 (\* not accredited test by ACCREDIA)  
 (§) The laboratory declines all responsibility for sampling.  
 (C) Information provided by the Client/Third Party. The laboratory accepts no responsibility for results obtained from calculations using data provided by the Client/Third Party.

**Limits referred to Reg. UE 10/2011 + Reg. UE 1245/2020**

NOTE

Ratio S/V = 19.6 dm2/l

- For Chemical test, expanded uncertainty is referred to 95% confidence level. Coverage factor k=2.
- The limit of determination (LOD) results as 3/10LOQ if not indicated otherwise.
- The Laboratory uses the point as decimal separator.
- Where a declaration of conformity to a specification or standard is required, unless the decision rule is already contained in the specification or standard itself, the laboratory shall adopt as its decision rule the direct comparison with the limit without taking into account the uncertainty.

**NOTES AND GENERAL EVALUATIONS:** (not subject to accreditation Accredia)

Limited to the parameters analyzed, the sample complies with Reg. EU 10/2011 and its amendments, with DM 21/03/1973 and its amendments and meets 21 CFR FDA 177.1640 requirements

- The results refer to the sample as received.
- The reported results only refer to the tested sample. Sample conditions at the arrival are recorded in the laboratory managing system.
- Food and not perishable samples are store for 30 day from the arrival date. Water, compost and perishable samples are stored until the emission of the Test Report.
- pH is registered under number 013 on the regional list of approved laboratories for analysis in the context of self-control procedures in the food industry (LR Tuscany No. 9 09/03/2006).

Date, 21/08/2023



as per Technical Manager  
dott. Patrizio Nuti

Number of documents  
attached to this Test Report: 1

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pH Labs

ATTACHED to the Test Report N° 23-FC01307



photo n. 1



pH Labs



LAB N° 0069 L

## TEST REPORT

N° 23-FC01308

Sample identification number: 23-FC01308  
 (C) Sample description: DC10148 - White color  
 (C) Sampled by: Customer (§)  
 (C) Customer: CAMBRO PRESSWERK KONGEN GMBH  
 Kelterstrasse 51  
 UNTERENSINGEN 72669  
 Arrival date: 21/06/2023

## RESULTS

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
* Time and temperature at first, second, third attack										
* Time		10		days					21/06	21/06
* Temperature		40.0		°C					21/06	21/06
Colorants specific migration in ethanol 10% by immersion at third attack <i>DM n°34 21/03/1973 SO GU n°104 20/04/1973 All IV Sez VII</i>										
		> 98		%T		>95	0_A		21/06	31/07
Colorants specific migration in acetic acid 3% by immersion at third attack <i>DM n°34 21/03/1973 SO GU n°104 20/04/1973 All IV Sez VII</i>										
		> 98		%T		>95	0_A		21/06	31/07
Colorants specific migration in sunflower oil by immersion at third attack <i>DM n°34 21/03/1973 SO GU n°104 20/04/1973 All IV Sez VII</i>										
		> 98		%T		>95	0_A		21/06	31/07
19 METALS SPECIFIC MIGRATION IN ACETIC ACID 3% at first, second and third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
Aluminum at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>							0_A		21/06	11/07
		< 0.1		mg/kg	0.1	1	0_A		21/06	11/07
Aluminum at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>							0_A		21/06	11/07
		< 0.1		mg/kg	0.1	1	0_A		21/06	11/07
Aluminum at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>							0_A		21/06	11/07
		< 0.1		mg/kg	0.1	1	0_A		21/06	11/07
* Antimony at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>							0_A		21/06	11/07
		< 0.01		mg/kg	0.01	0.04	0_A		21/06	11/07
* Antimony at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>							0_A		21/06	18/07
		< 0.01		mg/kg	0.01	0.04	0_A		21/06	18/07
* Antimony at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>							0_A		21/06	31/07
		< 0.01		mg/kg	0.01	0.04	0_A		21/06	31/07
* Arsenic at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>							0_A		21/06	11/07
		< 0.01		mg/kg	0.01	0.01	0_A		21/06	11/07
* Arsenic at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>							0_A		21/06	18/07
		< 0.01		mg/kg	0.01	0.01	0_A		21/06	18/07
* Arsenic at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>							0_A		21/06	31/07
		< 0.01		mg/kg	0.01	0.01	0_A		21/06	31/07
Barium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>							0_A		21/06	11/07
		< 0.1		mg/kg	0.1	1	0_A		21/06	11/07
Barium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>							0_A		21/06	20/07
		< 0.1		mg/kg	0.1	1	0_A		21/06	20/07

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LAB N° 0069 L

N° 23-FC01308

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
Barium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	1	0_A		21/06	01/08
* Cadmium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.002		mg/kg	0.002	0.002	0_A		21/06	11/07
* Cadmium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.002		mg/kg	0.002	0.002	0_A		21/06	18/07
* Cadmium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.002		mg/kg	0.002	0.002	0_A		21/06	31/07
Cobalt at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	11/07
Cobalt at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	20/07
Cobalt at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	01/08
* Chromium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	11/07
* Chromium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	20/07
* Chromium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	01/08
* Europium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	11/07
* Europium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	20/07
* Europium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	01/08
Iron at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	48	0_A		21/06	11/07
Iron at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	48	0_A		21/06	20/07
Iron at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	48	0_A		21/06	01/08
* Gadolinium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	11/07
* Gadolinium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	20/07
* Gadolinium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	01/08
* Lanthanum at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	11/07
* Lanthanum at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	20/07
* Lanthanum at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	01/08
Lithium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	0.6	0_A		21/06	11/07
Lithium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	0.6	0_A		21/06	20/07
Lithium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	0.6	0_A		21/06	01/08
Manganese at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.05		mg/kg	0.05	0.6	0_A		21/06	11/07
Manganese at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.05		mg/kg	0.05	0.6	0_A		21/06	20/07

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pH Labs



LAB N° 0069 L

N° 23-FC01308

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
	Manganese at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.05		mg/kg	0.05	0.6	0_A		21/06	01/08
*	Mercury at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.005		mg/kg	0.005	0.01	0_A		21/06	11/07
*	Mercury at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.005		mg/kg	0.005	0.01	0_A		21/06	18/07
*	Mercury at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.005		mg/kg	0.005	0.01	0_A		21/06	31/07
	Nickel at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.02	0_A		21/06	11/07
	Nickel at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.02	0_A		21/06	20/07
	Nickel at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.02	0_A		21/06	01/08
*	Lead at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.01	0_A		21/06	11/07
*	Lead at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.01	0_A		21/06	18/07
*	Lead at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.01	0_A		21/06	01/08
	Copper at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	11/07
	Copper at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	20/07
	Copper at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	01/08
*	Sum of lanthanides (Eu+Gd+La+Tb) at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	11/07
*	Sum of lanthanides (Eu+Gd+La+Tb) at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	20/07
*	Sum of lanthanides (Eu+Gd+La+Tb) at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	01/08
*	Terbium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	11/07
*	Terbium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	20/07
*	Terbium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	01/08
	Zinc at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	11/07
	Zinc at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	20/07
	Zinc at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	01/08
*	Specific migration of PAA Reg. 10/2011 Annex II at first, second and third attack in 3% acetic acid <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	-					0_A			
*	2,2'-dichloro-4,4'-methylenedianiline at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
*	2,2'-dichloro-4,4'-methylenedianiline at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08

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pH Labs



LAB N° 0069 L

N° 23-FC01308

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
* 2,2'-dichloro-4,4'-methylenedianiline at third attack 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4,4-Methylenedianiline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4,4-Methylenedianiline at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4,4-Methylenedianiline at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4,4-Diaminodiphenylether at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4,4-Diaminodiphenylether at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4,4-Diaminodiphenylether at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4-Chloro-Aniline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4-Chloro-Aniline at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4-Chloro-Aniline at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
Phenylendiamine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.002		mg/kg	0.002		0_A		21/06	01/08
Phenylendiamine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.002		mg/kg	0.002		0_A		21/06	01/08
Phenylendiamine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.002		mg/kg	0.002		0_A		21/06	01/08
* 3,3'-Dimethoxybenzidine o-Dianisidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 3,3'-Dimethoxybenzidine o-Dianisidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 3,3'-Dimethoxybenzidine o-Dianisidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
3,3-Dimethylbenzidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
3,3-Dimethylbenzidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
3,3-Dimethylbenzidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
2-Methoxy-5-Methylaniline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
2-Methoxy-5-Methylaniline at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08

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pH Labs



LAB N° 0069 L

N° 23-FC01308

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
2-Methoxy-5-Methylaniline at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
2,4,5-Trimethylaniline at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
2,4,5-Trimethylaniline at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
2,4,5-Trimethylaniline at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 4,4'-thiodianiline at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 4,4'-thiodianiline at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 4,4'-thiodianiline at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 4-Aminoazobenzene at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 4-Aminoazobenzene at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 4-Aminoazobenzene at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4-Methoxy-m-phenylenediamine at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4-Methoxy-m-phenylenediamine at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4-Methoxy-m-phenylenediamine at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
Aniline at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001		0_A		21/06	01/08
Aniline at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001		0_A		21/06	01/08
Aniline at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001		0_A		21/06	01/08
2,6-Toluenediamine at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001		0_A		21/06	01/08
2,6-Toluenediamine at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001		0_A		21/06	01/08
2,6-Toluenediamine at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001		0_A		21/06	01/08
4,4-Methylenedi-o-toluidine at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08

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pH Labs



LAB N° 0069 L

N° 23-FC01308

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
4,4-Methylenedi-o-toluidine at second attack 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4,4-Methylenedi-o-toluidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
2,6-Dimethylaniline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	01/08
2,6-Dimethylaniline at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	01/08
2,6-Dimethylaniline at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	01/08
o-Anisidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
o-Anisidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
o-Anisidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 2-naphthylamine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 2-naphthylamine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 2-naphthylamine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 3,3'-dichlorobenzidine 3,3'-dichlorobiphenyl-4,4'-ylen. at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 3,3'-dichlorobenzidine 3,3'-dichlorobiphenyl-4,4'-ylen. at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 3,3'-dichlorobenzidine 3,3'-dichlorobiphenyl-4,4'-ylen. at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4-aminobiphenyl at first attacco UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4-aminobiphenyl at second attacco UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4-aminobiphenyl at third attacco UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
Benzidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
Benzidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08

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LAB N° 0069 L

N° 23-FC01308

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
Benzidine third attack 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
o-Toluidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
o-Toluidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
o-Toluidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
2,4-Dimethylaniline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	01/08
2,4-Dimethylaniline at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	01/08
2,4-Dimethylaniline at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	01/08
4-Chloro-o-Toluidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4-Chloro-o-Toluidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4-Chloro-o-Toluidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
2,4-Toluenediamine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
2,4-Toluenediamine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
2,4-Toluenediamine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* o-aminoazotoluene,4-amino-2',3-dimethylazobenzen. at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* o-aminoazotoluene,4-amino-2',3-dimethylazobenzen. at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* o-aminoazotoluene,4-amino-2',3-dimethylazobenzen. at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 5-nitro-o-toluidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 5-nitro-o-toluidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 5-nitro-o-toluidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08

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pH Labs



LAB N° 0069 L

N° 23-FC01308

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
	SUM OF PRIMARY AROMATIC AMINES IN ACETIC ACID 3% AT FIRST ATTACK <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.01		mg/kg	0.01	0.01	0_A		21/06	01/08
	SUM OF PRIMARY AROMATIC AMINES IN ACETIC ACID 3% AT SECOND ATTACK <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.01		mg/kg	0.01	0.01	0_A		21/06	01/08
	SUM OF PRIMARY AROMATIC AMINES IN ACETIC ACID 3% AT THIRD ATTACK <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.01		mg/kg	0.01	0.01	0_A		21/06	01/08

Legend:  
 unc = uncertainty; u.m. = unit of measurement; LOQ (limit of quantification); o.u. (operative unit); 0\_A (test performed at o.u. Barberino Tavarnelle - FI, Sangallo street); 0\_B (test performed at o.u. Barberino Tavarnelle - FI, Bramante street); II (mobile lab.); III (external analysis); LE.# (Subcontracted Test performed by a different lab.);  
 (\* not accredited test by ACCREDIA)  
 (§) The laboratory declines all responsibility for sampling.  
 (C) Information provided by the Client/Third Party. The laboratory accepts no responsibility for results obtained from calculations using data provided by the Client/Third Party.

**Limits referred to Reg. UE 10/2011 + Reg. UE 1245/2020**

NOTE

Ratio S/V = 19.9 dm<sup>2</sup>/l

- For Chemical test, expanded uncertainty is referred to 95% confidence level. Coverage factor k=2.
- The limit of determination (LOD) results as 3/10LOQ if not indicated otherwise.
- The Laboratory uses the point as decimal separator.
- Where a declaration of conformity to a specification or standard is required, unless the decision rule is already contained in the specification or standard itself, the laboratory shall adopt as its decision rule the direct comparison with the limit without taking into account the uncertainty.

**NOTES AND GENERAL EVALUATIONS:** (not subject to accreditation Accredia)

Limited to the parameters analyzed, the sample complies with Reg. EU 10/2011 and its amendments and with DM 21/03/1973 and its amendments

- The results refer to the sample as received.
- The reported results only refer to the tested sample. Sample conditions at the arrival are recorded in the laboratory managing system.
- Food and not perishable samples are store for 30 day from the arrival date. Water, compost and perishable samples are stored until the emission of the Test Report.
- pH is registered under number 013 on the regional list of approved laboratories for analysis in the context of self-control procedures in the food industry (LR Tuscany No. 9 09/03/2006).

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pH Labs



LAB N° 0069 L

N° 23-FC01308

Date, 17/08/2023

Number of documents  
attached to this Test Report: 1



as per Technical Manager  
dott. Patrizio Nuti

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pH Labs

ATTACHED to the Test Report N° 23-FC01308



photo n. 1



pH Labs



LAB N° 0069 L

## TEST REPORT

N° 23-FC01309

Sample identification number: 23-FC01309  
 (C) Sample description: DC5404 - Red color  
 (C) Sampled by: Customer (§)  
 (C) Customer: CAMBRO PRESSWERK KONGEN GMBH  
 Kelterstrasse 51  
 UNTERENSINGEN 72669  
 Arrival date: 21/06/2023

## RESULTS

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
* Time and temperature at first, second, third attack										
* Time		10		days					21/06	21/06
* Temperature		40.0		°C					21/06	21/06
Colorants specific migration in ethanol 10% by immersion at third attack <i>DM n°34 21/03/1973 SO GU n°104 20/04/1973 All IV Sez VII</i>										
		> 98		%T		>95	0_A		21/06	31/07
Colorants specific migration in acetic acid 3% by immersion at third attack <i>DM n°34 21/03/1973 SO GU n°104 20/04/1973 All IV Sez VII</i>										
		> 98		%T		>95	0_A		21/06	31/07
Colorants specific migration in sunflower oil by immersion at third attack <i>DM n°34 21/03/1973 SO GU n°104 20/04/1973 All IV Sez VII</i>										
		> 98		%T		>95	0_A		21/06	31/07
19 METALS SPECIFIC MIGRATION IN ACETIC ACID 3% at first, second and third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
Aluminum at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>							0_A		21/06	11/07
		< 0.1		mg/kg	0.1	1	0_A		21/06	11/07
Aluminum at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>							0_A		21/06	11/07
		< 0.1		mg/kg	0.1	1	0_A		21/06	11/07
Aluminum at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>							0_A		21/06	11/07
		< 0.1		mg/kg	0.1	1	0_A		21/06	11/07
* Antimony at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>							0_A		21/06	11/07
		< 0.01		mg/kg	0.01	0.04	0_A		21/06	11/07
* Antimony at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>							0_A		21/06	18/07
		< 0.01		mg/kg	0.01	0.04	0_A		21/06	18/07
* Antimony at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>							0_A		21/06	31/07
		< 0.01		mg/kg	0.01	0.04	0_A		21/06	31/07
* Arsenic at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>							0_A		21/06	11/07
		< 0.01		mg/kg	0.01	0.01	0_A		21/06	11/07
* Arsenic at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>							0_A		21/06	18/07
		< 0.01		mg/kg	0.01	0.01	0_A		21/06	18/07
* Arsenic at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>							0_A		21/06	31/07
		< 0.01		mg/kg	0.01	0.01	0_A		21/06	31/07
Barium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>							0_A		21/06	11/07
		< 0.1		mg/kg	0.1	1	0_A		21/06	11/07
Barium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>							0_A		21/06	20/07
		< 0.1		mg/kg	0.1	1	0_A		21/06	20/07

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LAB N° 0069 L

N° 23-FC01309

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
Barium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	1	0_A		21/06	01/08
* Cadmium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.002		mg/kg	0.002	0.002	0_A		21/06	11/07
* Cadmium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.002		mg/kg	0.002	0.002	0_A		21/06	18/07
* Cadmium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.002		mg/kg	0.002	0.002	0_A		21/06	31/07
Cobalt at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	11/07
Cobalt at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	20/07
Cobalt at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	01/08
* Chromium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	11/07
* Chromium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	20/07
* Chromium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	01/08
* Europium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	11/07
* Europium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	20/07
* Europium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	01/08
Iron at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	48	0_A		21/06	11/07
Iron at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	48	0_A		21/06	20/07
Iron at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	48	0_A		21/06	01/08
* Gadolinium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	11/07
* Gadolinium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	20/07
* Gadolinium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	01/08
* Lanthanum at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	11/07
* Lanthanum at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	20/07
* Lanthanum at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	01/08
Lithium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	0.6	0_A		21/06	11/07
Lithium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	0.6	0_A		21/06	20/07
Lithium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	0.6	0_A		21/06	01/08
Manganese at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.05		mg/kg	0.05	0.6	0_A		21/06	11/07
Manganese at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.05		mg/kg	0.05	0.6	0_A		21/06	20/07

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N° 23-FC01309

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
	Manganese at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.05		mg/kg	0.05	0.6	0_A		21/06	01/08
*	Mercury at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.005		mg/kg	0.005	0.01	0_A		21/06	11/07
*	Mercury at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.005		mg/kg	0.005	0.01	0_A		21/06	18/07
*	Mercury at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.005		mg/kg	0.005	0.01	0_A		21/06	31/07
	Nickel at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.02	0_A		21/06	11/07
	Nickel at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.02	0_A		21/06	20/07
	Nickel at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.02	0_A		21/06	01/08
*	Lead at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.01	0_A		21/06	11/07
*	Lead at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.01	0_A		21/06	18/07
*	Lead at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.01	0_A		21/06	31/07
	Copper at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	11/07
	Copper at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	20/07
	Copper at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	01/08
*	Sum of lanthanides (Eu+Gd+La+Tb) at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	11/07
*	Sum of lanthanides (Eu+Gd+La+Tb) at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	20/07
*	Sum of lanthanides (Eu+Gd+La+Tb) at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	01/08
*	Terbium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	11/07
*	Terbium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	20/07
*	Terbium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	01/08
	Zinc at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	11/07
	Zinc at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	20/07
	Zinc at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	01/08
*	Specific migration of PAA Reg. 10/2011 Annex II at first, second and third attack in 3% acetic acid <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	-					0_A			
*	2,2'-dichloro-4,4'-methylenedianiline at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
*	2,2'-dichloro-4,4'-methylenedianiline at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08

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pH Labs



LAB N° 0069 L

N° 23-FC01309

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
* 2,2'-dichloro-4,4'-methylenedianiline at third attack 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4,4-Methylenedianiline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4,4-Methylenedianiline at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4,4-Methylenedianiline at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4,4-Diaminodiphenylether at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4,4-Diaminodiphenylether at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4,4-Diaminodiphenylether at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4-Chloro-Aniline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4-Chloro-Aniline at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4-Chloro-Aniline at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
Phenylendiamine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.002		mg/kg	0.002		0_A		21/06	01/08
Phenylendiamine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.002		mg/kg	0.002		0_A		21/06	01/08
Phenylendiamine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.002		mg/kg	0.002		0_A		21/06	01/08
* 3,3'-Dimethoxybenzidine o-Dianisidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 3,3'-Dimethoxybenzidine o-Dianisidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 3,3'-Dimethoxybenzidine o-Dianisidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
3,3-Dimethylbenzidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
3,3-Dimethylbenzidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
3,3-Dimethylbenzidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
2-Methoxy-5-Methylaniline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
2-Methoxy-5-Methylaniline at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08

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pH Labs



LAB N° 0069 L

N° 23-FC01309

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
2-Methoxy-5-Methylaniline at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
2,4,5-Trimethylaniline at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
2,4,5-Trimethylaniline at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
2,4,5-Trimethylaniline at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 4,4'-thiodianiline at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 4,4'-thiodianiline at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 4,4'-thiodianiline at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 4-Aminoazobenzene at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 4-Aminoazobenzene at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 4-Aminoazobenzene at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4-Methoxy-m-phenylenediamine at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4-Methoxy-m-phenylenediamine at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4-Methoxy-m-phenylenediamine at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
Aniline at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001		0_A		21/06	01/08
Aniline at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001		0_A		21/06	01/08
Aniline at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001		0_A		21/06	01/08
2,6-Toluenediamine at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001		0_A		21/06	01/08
2,6-Toluenediamine at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001		0_A		21/06	01/08
2,6-Toluenediamine at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001		0_A		21/06	01/08
4,4-Methylenedi-o-toluidine at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08

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LAB N° 0069 L

N° 23-FC01309

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
4,4-Methylenedi-o-toluidine at second attack 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4,4-Methylenedi-o-toluidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
2,6-Dimethylaniline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	01/08
2,6-Dimethylaniline at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	01/08
2,6-Dimethylaniline at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	01/08
o-Anisidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
o-Anisidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
o-Anisidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 2-naphthylamine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 2-naphthylamine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 2-naphthylamine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 3,3'-dichlorobenzidine 3,3'-dichlorobiphenyl-4,4'-ylen. at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 3,3'-dichlorobenzidine 3,3'-dichlorobiphenyl-4,4'-ylen. at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 3,3'-dichlorobenzidine 3,3'-dichlorobiphenyl-4,4'-ylen. at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4-aminobiphenyl at first attacco UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4-aminobiphenyl at second attacco UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4-aminobiphenyl at third attacco UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
Benzidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
Benzidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08

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pH Labs



LAB N° 0069 L

N° 23-FC01309

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
Benzidine third attack 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
o-Toluidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
o-Toluidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
o-Toluidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
2,4-Dimethylaniline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	01/08
2,4-Dimethylaniline at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	01/08
2,4-Dimethylaniline at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	01/08
4-Chloro-o-Toluidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4-Chloro-o-Toluidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
4-Chloro-o-Toluidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
2,4-Toluenediamine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
2,4-Toluenediamine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
2,4-Toluenediamine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* o-aminoazotoluene,4-amino-2',3-dimethylazobenzen. at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* o-aminoazotoluene,4-amino-2',3-dimethylazobenzen. at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* o-aminoazotoluene,4-amino-2',3-dimethylazobenzen. at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 5-nitro-o-toluidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 5-nitro-o-toluidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08
* 5-nitro-o-toluidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	01/08

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LAB N° 0069 L

N° 23-FC01309

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
	SUM OF PRIMARY AROMATIC AMINES IN ACETIC ACID 3% AT FIRST ATTACK <small>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</small>	< 0.01		mg/kg	0.01	0.01	0_A		21/06	01/08
	SUM OF PRIMARY AROMATIC AMINES IN ACETIC ACID 3% AT SECOND ATTACK <small>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</small>	< 0.01		mg/kg	0.01	0.01	0_A		21/06	01/08
	SUM OF PRIMARY AROMATIC AMINES IN ACETIC ACID 3% AT THIRD ATTACK <small>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</small>	< 0.01		mg/kg	0.01	0.01	0_A		21/06	01/08

Legend:  
 unc = uncertainty; u.m. = unit of measurement; LOQ (limit of quantification); o.u. (operative unit); 0\_A (test performed at o.u. Barberino Tavarnelle - FI, Sangallo street); 0\_B (test performed at o.u. Barberino Tavarnelle - FI, Bramante street); II (mobile lab.); III (external analysis); LE.# (Subcontracted Test performed by a different lab.);  
 (\* not accredited test by ACCREDIA)  
 (§) The laboratory declines all responsibility for sampling.  
 (C) Information provided by the Client/Third Party. The laboratory accepts no responsibility for results obtained from calculations using data provided by the Client/Third Party.

**Limits referred to Reg. UE 10/2011 + Reg. UE 1245/2020**

NOTE

Ratio S/V = 14.3 dm<sup>2</sup>/l

- For Chemical test, expanded uncertainty is referred to 95% confidence level. Coverage factor k=2.
- The limit of determination (LOD) results as 3/10LOQ if not indicated otherwise.
- The Laboratory uses the point as decimal separator.
- Where a declaration of conformity to a specification or standard is required, unless the decision rule is already contained in the specification or standard itself, the laboratory shall adopt as its decision rule the direct comparison with the limit without taking into account the uncertainty.

**NOTES AND GENERAL EVALUATIONS:** (not subject to accreditation Accredia)

Limited to the parameters analyzed, the sample complies with Reg. EU 10/2011 and its amendments and with DM 21/03/1973 and its amendments

- The results refer to the sample as received.
- The reported results only refer to the tested sample. Sample conditions at the arrival are recorded in the laboratory managing system.
- Food and not perishable samples are store for 30 day from the arrival date. Water, compost and perishable samples are stored until the emission of the Test Report.
- pH is registered under number 013 on the regional list of approved laboratories for analysis in the context of self-control procedures in the food industry (LR Tuscany No. 9 09/03/2006).

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LAB N° 0069 L

N° 23-FC01309

Date, 17/08/2023

Number of documents  
attached to this Test Report: 1



as per Technical Manager  
dott. Patrizio Nuti

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ATTACHED to the Test Report N° 23-FC01309

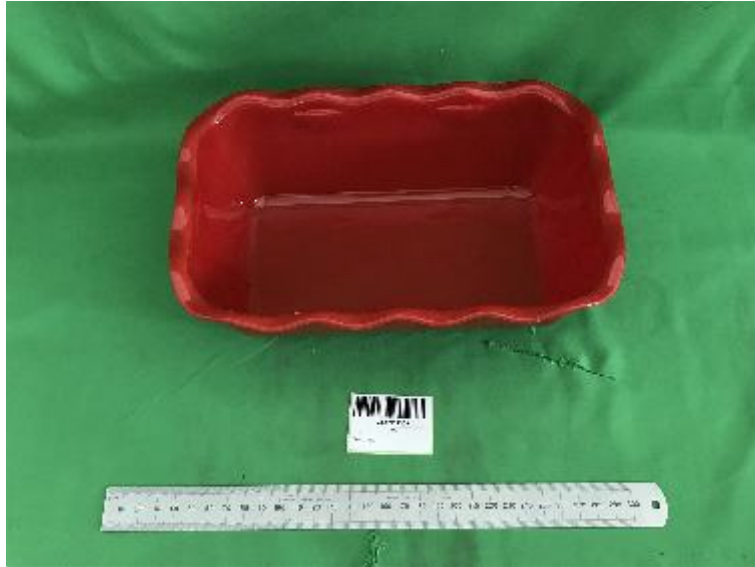


photo n. 1



pH Labs



LAB N° 0069 L

## TEST REPORT

N° 23-FC01310

Sample identification number: 23-FC01310  
 (C) Sample description: D14156 - Ruby Red color  
 (C) Sampled by: Customer (§)  
 (C) Customer: CAMBRO PRESSWERK KONGEN GMBH  
 Kelterstrasse 51  
 UNTERENSINGEN 72669  
 Arrival date: 21/06/2023

## RESULTS

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
* Time and temperature at first, second, third attack										
* Time		10		days					21/06	21/06
* Temperature		40.0		°C					21/06	21/06
Colorants specific migration in ethanol 10% by immersion at third attack <i>DM n°34 21/03/1973 SO GU n°104 20/04/1973 All IV Sez VII</i>										
		> 98		%T		>95	0_A		21/06	31/07
Colorants specific migration in acetic acid 3% by immersion at third attack <i>DM n°34 21/03/1973 SO GU n°104 20/04/1973 All IV Sez VII</i>										
		> 98		%T		>95	0_A		21/06	31/07
Colorants specific migration in sunflower oil by immersion at third attack <i>DM n°34 21/03/1973 SO GU n°104 20/04/1973 All IV Sez VII</i>										
		> 98		%T		>95	0_A		21/06	31/07
19 METALS SPECIFIC MIGRATION IN ACETIC ACID 3% at first, second and third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
Aluminum at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
		< 0.1		mg/kg	0.1	1	0_A		21/06	04/07
Aluminum at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
		< 0.1		mg/kg	0.1	1	0_A		21/06	04/07
Aluminum at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
		< 0.1		mg/kg	0.1	1	0_A		21/06	04/07
* Antimony at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
		< 0.01		mg/kg	0.01	0.04	0_A		21/06	04/07
* Antimony at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
		< 0.01		mg/kg	0.01	0.04	0_A		21/06	17/07
* Antimony at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
		< 0.01		mg/kg	0.01	0.04	0_A		21/06	25/07
* Arsenic at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
		< 0.01		mg/kg	0.01	0.01	0_A		21/06	04/07
* Arsenic at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
		< 0.01		mg/kg	0.01	0.01	0_A		21/06	17/07
* Arsenic at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
		< 0.01		mg/kg	0.01	0.01	0_A		21/06	25/07
Barium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
		< 0.1		mg/kg	0.1	1	0_A		21/06	04/07
Barium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
		< 0.1		mg/kg	0.1	1	0_A		21/06	18/07

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LAB N° 0069 L

N° 23-FC01310

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
Barium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	1	0_A		21/06	25/07
* Cadmium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.002		mg/kg	0.002	0.002	0_A		21/06	04/07
* Cadmium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.002		mg/kg	0.002	0.002	0_A		21/06	17/07
* Cadmium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.002		mg/kg	0.002	0.002	0_A		21/06	25/07
Cobalt at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	04/07
Cobalt at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	18/07
Cobalt at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	26/07
* Chromium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	04/07
* Chromium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	18/07
* Chromium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	25/07
* Europium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	04/07
* Europium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	18/07
* Europium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	25/07
Iron at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	48	0_A		21/06	04/07
Iron at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	48	0_A		21/06	18/07
Iron at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	48	0_A		21/06	25/07
* Gadolinium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	04/07
* Gadolinium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	18/07
* Gadolinium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	25/07
* Lanthanum at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	04/07
* Lanthanum at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	18/07
* Lanthanum at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	25/07
Lithium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	0.6	0_A		21/06	04/07
Lithium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	0.6	0_A		21/06	18/07
Lithium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	0.6	0_A		21/06	25/07
Manganese at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.05		mg/kg	0.05	0.6	0_A		21/06	04/07
Manganese at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.05		mg/kg	0.05	0.6	0_A		21/06	18/07

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LAB N° 0069 L

N° 23-FC01310

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
	Manganese at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.05		mg/kg	0.05	0.6	0_A		21/06	25/07
*	Mercury at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.005		mg/kg	0.005	0.01	0_A		21/06	04/07
*	Mercury at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.005		mg/kg	0.005	0.01	0_A		21/06	17/07
*	Mercury at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.005		mg/kg	0.005	0.01	0_A		21/06	25/07
	Nickel at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.02	0_A		21/06	04/07
	Nickel at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.02	0_A		21/06	18/07
	Nickel at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.02	0_A		21/06	25/07
*	Lead at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.01	0_A		21/06	04/07
*	Lead at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.01	0_A		21/06	17/07
*	Lead at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.01	0_A		21/06	25/07
	Copper at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	04/07
	Copper at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	18/07
	Copper at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	25/07
*	Sum of lanthanides (Eu+Gd+La+Tb) at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	04/07
*	Sum of lanthanides (Eu+Gd+La+Tb) at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	18/07
*	Sum of lanthanides (Eu+Gd+La+Tb) at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	25/07
*	Terbium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	04/07
*	Terbium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	18/07
*	Terbium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	25/07
	Zinc at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	04/07
	Zinc at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	18/07
	Zinc at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	25/07
*	Specific migration of PAA Reg. 10/2011 Annex II at first, second and third attack in 3% acetic acid <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	-					0_A			
*	2,2'-dichloro-4,4'-methylenedianiline at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
*	2,2'-dichloro-4,4'-methylenedianiline at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07

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pH Labs



LAB N° 0069 L

N° 23-FC01310

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
* 2,2'-dichloro-4,4'-methylenedianiline at third attack 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Methylenedianiline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Methylenedianiline at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Methylenedianiline at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Diaminodiphenylether at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Diaminodiphenylether at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Diaminodiphenylether at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Chloro-Aniline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Chloro-Aniline at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Chloro-Aniline at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
Phenylendiamine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.002		mg/kg	0.002		0_A		21/06	26/07
Phenylendiamine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.002		mg/kg	0.002		0_A		21/06	26/07
Phenylendiamine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.002		mg/kg	0.002		0_A		21/06	26/07
* 3,3'-Dimethoxybenzidine o-Dianisidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 3,3'-Dimethoxybenzidine o-Dianisidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 3,3'-Dimethoxybenzidine o-Dianisidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
3,3-Dimethylbenzidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
3,3-Dimethylbenzidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
3,3-Dimethylbenzidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2-Methoxy-5-Methylaniline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2-Methoxy-5-Methylaniline at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07

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pH Labs



LAB N° 0069 L

N° 23-FC01310

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
2-Methoxy-5-Methylaniline at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,4,5-Trimethylaniline at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,4,5-Trimethylaniline at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,4,5-Trimethylaniline at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 4,4'-thiodianiline at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 4,4'-thiodianiline at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 4,4'-thiodianiline at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 4-Aminoazobenzene at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 4-Aminoazobenzene at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 4-Aminoazobenzene at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Methoxy-m-phenylenediamine at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Methoxy-m-phenylenediamine at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Methoxy-m-phenylenediamine at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
Aniline at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001		0_A		21/06	26/07
Aniline at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001		0_A		21/06	26/07
Aniline at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001		0_A		21/06	26/07
2,6-Toluenediamine at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001		0_A		21/06	26/07
2,6-Toluenediamine at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001		0_A		21/06	26/07
2,6-Toluenediamine at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001		0_A		21/06	26/07
4,4-Methylenedi-o-toluidine at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07

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pH Labs



LAB N° 0069 L

N° 23-FC01310

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
4,4-Methylenedi-o-toluidine at second attack 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Methylenedi-o-toluidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,6-Dimethylaniline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	26/07
2,6-Dimethylaniline at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	26/07
2,6-Dimethylaniline at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	26/07
o-Anisidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
o-Anisidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
o-Anisidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 2-naphthylamine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 2-naphthylamine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 2-naphthylamine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 3,3'-dichlorobenzidine 3,3'-dichlorobiphenyl-4,4'-ylen. at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 3,3'-dichlorobenzidine 3,3'-dichlorobiphenyl-4,4'-ylen. at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 3,3'-dichlorobenzidine 3,3'-dichlorobiphenyl-4,4'-ylen. at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-aminobiphenyl at first attacco UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-aminobiphenyl at second attacco UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-aminobiphenyl at third attacco UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
Benzidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
Benzidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07

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pH Labs



LAB N° 0069 L

N° 23-FC01310

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
Benzidine third attack 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
o-Toluidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
o-Toluidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
o-Toluidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,4-Dimethylaniline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	26/07
2,4-Dimethylaniline at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	26/07
2,4-Dimethylaniline at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	26/07
4-Chloro-o-Toluidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Chloro-o-Toluidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Chloro-o-Toluidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,4-Toluenediamine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,4-Toluenediamine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,4-Toluenediamine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* o-aminoazotoluene,4-amino-2',3-dimethylazobenzen. at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* o-aminoazotoluene,4-amino-2',3-dimethylazobenzen. at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* o-aminoazotoluene,4-amino-2',3-dimethylazobenzen. at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 5-nitro-o-toluidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 5-nitro-o-toluidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 5-nitro-o-toluidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07

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pH Labs



LAB N° 0069 L

N° 23-FC01310

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
	SUM OF PRIMARY AROMATIC AMINES IN ACETIC ACID 3% AT FIRST ATTACK <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.01		mg/kg	0.01	0.01	0_A		21/06	26/07
	SUM OF PRIMARY AROMATIC AMINES IN ACETIC ACID 3% AT SECOND ATTACK <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.01		mg/kg	0.01	0.01	0_A		21/06	26/07
	SUM OF PRIMARY AROMATIC AMINES IN ACETIC ACID 3% AT THIRD ATTACK <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.01		mg/kg	0.01	0.01	0_A		21/06	26/07

Legend:  
 unc = uncertainty; u.m. = unit of measurement; LOQ (limit of quantification); o.u. (operative unit); 0\_A (test performed at o.u. Barberino Tavarnelle - FI, Sangallo street); 0\_B (test performed at o.u. Barberino Tavarnelle - FI, Bramante street); II (mobile lab.); III (external analysis); LE.# (Subcontracted Test performed by a different lab.);  
 (\* not accredited test by ACCREDIA)  
 (§) The laboratory declines all responsibility for sampling.  
 (C) Information provided by the Client/Third Party. The laboratory accepts no responsibility for results obtained from calculations using data provided by the Client/Third Party.

**Limits referred to Reg. UE 10/2011 + Reg. UE 1245/2020**

NOTE

Ratio S/V = 8.5 dm<sup>2</sup>/l

- For Chemical test, expanded uncertainty is referred to 95% confidence level. Coverage factor k=2.
- The limit of determination (LOD) results as 3/10LOQ if not indicated otherwise.
- The Laboratory uses the point as decimal separator.
- Where a declaration of conformity to a specification or standard is required, unless the decision rule is already contained in the specification or standard itself, the laboratory shall adopt as its decision rule the direct comparison with the limit without taking into account the uncertainty.

**NOTES AND GENERAL EVALUATIONS:** (not subject to accreditation Accredia)

Limited to the parameters analyzed, the sample complies with Reg. EU 10/2011 and its amendments and with DM 21/03/1973 and its amendments

- The results refer to the sample as received.
- The reported results only refer to the tested sample. Sample conditions at the arrival are recorded in the laboratory managing system.
- Food and not perishable samples are store for 30 day from the arrival date. Water, compost and perishable samples are stored until the emission of the Test Report.
- pH is registered under number 013 on the regional list of approved laboratories for analysis in the context of self-control procedures in the food industry (LR Tuscany No. 9 09/03/2006).

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pH Labs



LAB N° 0069 L

N° 23-FC01310

Date, 17/08/2023

Number of documents  
attached to this Test Report: 1



as per Technical Manager  
dott. Patrizio Nuti

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pH Labs

ATTACHED to the Test Report N° 23-FC01310



photo n. 1



pH Labs



LAB N° 0069 L

## TEST REPORT

N° 23-FC01311

**Sample identification number:** 23-FC01311  
**(C) Sample description:** D8608 - Sapphire Blue color  
**(C) Sampled by:** Customer (§)  
**(C) Customer:** CAMBRO PRESSWERK KONGEN GMBH  
 Kelterstrasse 51  
 UNTERENSINGEN 72669  
**Arrival date:** 21/06/2023

## RESULTS

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
* Time and temperature at first, second, third attack										
* Time		10		days					21/06	21/06
* Temperature		40.0		°C					21/06	21/06
Colorants specific migration in ethanol 10% by immersion at third attack <i>DM n°34 21/03/1973 SO GU n°104 20/04/1973 All IV Sez VII</i>		> 98		%T		>95	0_A		21/06	31/07
Colorants specific migration in acetic acid 3% by immersion at third attack <i>DM n°34 21/03/1973 SO GU n°104 20/04/1973 All IV Sez VII</i>		> 98		%T		>95	0_A		21/06	31/07
Colorants specific migration in sunflower oil by immersion at third attack <i>DM n°34 21/03/1973 SO GU n°104 20/04/1973 All IV Sez VII</i>		> 98		%T		>95	0_A		21/06	31/07
19 METALS SPECIFIC MIGRATION IN ACETIC ACID 3% at first, second and third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>							0_A			
Aluminum at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	1	0_A		21/06	04/07
Aluminum at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	1	0_A		21/06	04/07
Aluminum at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	1	0_A		21/06	04/07
* Antimony at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.04	0_A		21/06	04/07
* Antimony at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.04	0_A		21/06	17/07
* Antimony at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.04	0_A		21/06	25/07
* Arsenic at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	04/07
* Arsenic at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	17/07
* Arsenic at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	25/07
Barium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	1	0_A		21/06	04/07
Barium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	1	0_A		21/06	18/07

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LAB N° 0069 L

N° 23-FC01311

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
Barium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	1	0_A		21/06	25/07
* Cadmium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.002		mg/kg	0.002	0.002	0_A		21/06	04/07
* Cadmium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.002		mg/kg	0.002	0.002	0_A		21/06	17/07
* Cadmium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.002		mg/kg	0.002	0.002	0_A		21/06	25/07
Cobalt at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	04/07
Cobalt at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	18/07
Cobalt at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	26/07
* Chromium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	04/07
* Chromium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	18/07
* Chromium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	25/07
* Europium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	04/07
* Europium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	18/07
* Europium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	25/07
Iron at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	48	0_A		21/06	04/07
Iron at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	48	0_A		21/06	18/07
Iron at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	48	0_A		21/06	25/07
* Gadolinium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	04/07
* Gadolinium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	18/07
* Gadolinium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	25/07
* Lanthanum at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	04/07
* Lanthanum at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	18/07
* Lanthanum at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	25/07
Lithium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	0.6	0_A		21/06	04/07
Lithium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	0.6	0_A		21/06	18/07
Lithium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	0.6	0_A		21/06	25/07
Manganese at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.05		mg/kg	0.05	0.6	0_A		21/06	04/07
Manganese at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.05		mg/kg	0.05	0.6	0_A		21/06	18/07

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LAB N° 0069 L

N° 23-FC01311

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
	Manganese at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.05		mg/kg	0.05	0.6	0_A		21/06	25/07
*	Mercury at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.005		mg/kg	0.005	0.01	0_A		21/06	04/07
*	Mercury at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.005		mg/kg	0.005	0.01	0_A		21/06	17/07
*	Mercury at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.005		mg/kg	0.005	0.01	0_A		21/06	25/07
	Nickel at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.02	0_A		21/06	04/07
	Nickel at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.02	0_A		21/06	18/07
	Nickel at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.02	0_A		21/06	25/07
*	Lead at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.01	0_A		21/06	04/07
*	Lead at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.01	0_A		21/06	17/07
*	Lead at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.01	0_A		21/06	25/07
	Copper at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	04/07
	Copper at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	18/07
	Copper at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	25/07
*	Sum of lanthanides (Eu+Gd+La+Tb) at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	04/07
*	Sum of lanthanides (Eu+Gd+La+Tb) at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	18/07
*	Sum of lanthanides (Eu+Gd+La+Tb) at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	25/07
*	Terbium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	04/07
*	Terbium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	18/07
*	Terbium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	25/07
	Zinc at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	04/07
	Zinc at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	18/07
	Zinc at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	25/07
*	Specific migration of PAA Reg. 10/2011 Annex II at first, second and third attack in 3% acetic acid <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	-					0_A			
*	2,2'-dichloro-4,4'-methylenedianiline at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
*	2,2'-dichloro-4,4'-methylenedianiline at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07

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LAB N° 0069 L

N° 23-FC01311

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
* 2,2'-dichloro-4,4'-methylenedianiline at third attack 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Methylenedianiline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Methylenedianiline at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Methylenedianiline at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Diaminodiphenylether at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Diaminodiphenylether at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Diaminodiphenylether at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Chloro-Aniline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Chloro-Aniline at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Chloro-Aniline at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
Phenylendiamine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.002		mg/kg	0.002		0_A		21/06	26/07
Phenylendiamine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.002		mg/kg	0.002		0_A		21/06	26/07
Phenylendiamine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.002		mg/kg	0.002		0_A		21/06	26/07
* 3,3'-Dimethoxybenzidine o-Dianisidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 3,3'-Dimethoxybenzidine o-Dianisidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 3,3'-Dimethoxybenzidine o-Dianisidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
3,3-Dimethylbenzidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
3,3-Dimethylbenzidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
3,3-Dimethylbenzidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2-Methoxy-5-Methylaniline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2-Methoxy-5-Methylaniline at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07

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LAB N° 0069 L

N° 23-FC01311

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
2-Methoxy-5-Methylaniline at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,4,5-Trimethylaniline at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,4,5-Trimethylaniline at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,4,5-Trimethylaniline at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 4,4'-thiodianiline at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 4,4'-thiodianiline at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 4,4'-thiodianiline at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 4-Aminoazobenzene at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 4-Aminoazobenzene at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 4-Aminoazobenzene at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Methoxy-m-phenylenediamine at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Methoxy-m-phenylenediamine at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Methoxy-m-phenylenediamine at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
Aniline at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001		0_A		21/06	26/07
Aniline at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001		0_A		21/06	26/07
Aniline at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001		0_A		21/06	26/07
2,6-Toluenediamine at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001		0_A		21/06	26/07
2,6-Toluenediamine at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001		0_A		21/06	26/07
2,6-Toluenediamine at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001		0_A		21/06	26/07
4,4-Methylenedi-o-toluidine at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07

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pH Labs



LAB N° 0069 L

N° 23-FC01311

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
4,4-Methylenedi-o-toluidine at second attack 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Methylenedi-o-toluidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,6-Dimethylaniline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	26/07
2,6-Dimethylaniline at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	26/07
2,6-Dimethylaniline at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	26/07
o-Anisidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
o-Anisidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
o-Anisidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 2-naphthylamine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 2-naphthylamine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 2-naphthylamine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 3,3'-dichlorobenzidine 3,3'-dichlorobiphenyl-4,4'-ylen. at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 3,3'-dichlorobenzidine 3,3'-dichlorobiphenyl-4,4'-ylen. at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 3,3'-dichlorobenzidine 3,3'-dichlorobiphenyl-4,4'-ylen. at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-aminobiphenyl at first attacco UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-aminobiphenyl at second attacco UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-aminobiphenyl at third attacco UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
Benzidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
Benzidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07

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pH Labs



LAB N° 0069 L

N° 23-FC01311

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
Benzidine third attack 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
o-Toluidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
o-Toluidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
o-Toluidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,4-Dimethylaniline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	26/07
2,4-Dimethylaniline at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	26/07
2,4-Dimethylaniline at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	26/07
4-Chloro-o-Toluidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Chloro-o-Toluidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Chloro-o-Toluidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,4-Toluenediamine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,4-Toluenediamine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,4-Toluenediamine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* o-aminoazotoluene,4-amino-2',3-dimethylazobenzen. at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* o-aminoazotoluene,4-amino-2',3-dimethylazobenzen. at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* o-aminoazotoluene,4-amino-2',3-dimethylazobenzen. at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 5-nitro-o-toluidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 5-nitro-o-toluidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 5-nitro-o-toluidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07

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pH Labs



LAB N° 0069 L

N° 23-FC01311

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
	SUM OF PRIMARY AROMATIC AMINES IN ACETIC ACID 3% AT FIRST ATTACK <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.01		mg/kg	0.01	0.01	0_A		21/06	26/07
	SUM OF PRIMARY AROMATIC AMINES IN ACETIC ACID 3% AT SECOND ATTACK <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.01		mg/kg	0.01	0.01	0_A		21/06	26/07
	SUM OF PRIMARY AROMATIC AMINES IN ACETIC ACID 3% AT THIRD ATTACK <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.01		mg/kg	0.01	0.01	0_A		21/06	26/07

Legend:  
unc = uncertainty; u.m. = unit of measurement; LOQ (limit of quantification); o.u. (operative unit); 0\_A (test performed at o.u. Barberino Tavarnelle - FI, Sangallo street); 0\_B (test performed at o.u. Barberino Tavarnelle - FI, Bramante street); II (mobile lab.); III (external analysis); LE.# (Subcontracted Test performed by a different lab.);  
(\* not accredited test by ACCREDIA)  
(§) The laboratory declines all responsibility for sampling.  
(C) Information provided by the Client/Third Party. The laboratory accepts no responsibility for results obtained from calculations using data provided by the Client/Third Party.

#### Limits referred to Reg. UE 10/2011 + Reg. UE 1245/2020

NOTE

Ratio S/V = 8.6 dm<sup>2</sup>/l

- For Chemical test, expanded uncertainty is referred to 95% confidence level. Coverage factor k=2.
- The limit of determination (LOD) results as 3/10LOQ if not indicated otherwise.
- The Laboratory uses the point as decimal separator.
- Where a declaration of conformity to a specification or standard is required, unless the decision rule is already contained in the specification or standard itself, the laboratory shall adopt as its decision rule the direct comparison with the limit without taking into account the uncertainty.

NOTES AND GENERAL EVALUATIONS: (not subject to accreditation Accredia)

Limited to the parameters analyzed, the sample complies with Reg. EU 10/2011 and its amendments and with DM 21/03/1973 and its amendments

- The results refer to the sample as received.
- The reported results only refer to the tested sample. Sample conditions at the arrival are recorded in the laboratory managing system.
- Food and not perishable samples are store for 30 day from the arrival date. Water, compost and perishable samples are stored until the emission of the Test Report.
- pH is registered under number 013 on the regional list of approved laboratories for analysis in the context of self-control procedures in the food industry (LR Tuscany No. 9 09/03/2006).

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pH Labs



LAB N° 0069 L

N° 23-FC01311

Date, 17/08/2023

Number of documents  
attached to this Test Report: 1



as per Technical Manager  
dott. Patrizio Nuti

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pH Labs

ATTACHED to the Test Report N° 23-FC01311



photo n. 1



pH Labs



LAB N° 0069 L

## TEST REPORT

N° 23-FC01312

Sample identification number: 23-FC01312  
 (C) Sample description: D12609 - Light Amber color  
 (C) Sampled by: Customer (§)  
 (C) Customer: CAMBRO PRESSWERK KONGEN GMBH  
 Kelterstrasse 51  
 UNTERENSINGEN 72669  
 Arrival date: 21/06/2023

## RESULTS

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
* Time and temperature at first, second, third attack										
* Time		10		days					21/06	21/06
* Temperature		40.0		°C					21/06	21/06
Colorants specific migration in ethanol 10% by immersion at third attack <i>DM n°34 21/03/1973 SO GU n°104 20/04/1973 All IV Sez VII</i>		> 98		%T		>95	0_A		21/06	31/07
Colorants specific migration in acetic acid 3% by immersion at third attack <i>DM n°34 21/03/1973 SO GU n°104 20/04/1973 All IV Sez VII</i>		> 98		%T		>95	0_A		21/06	31/07
Colorants specific migration in sunflower oil by immersion at third attack <i>DM n°34 21/03/1973 SO GU n°104 20/04/1973 All IV Sez VII</i>		> 98		%T		>95	0_A		21/06	31/07
19 METALS SPECIFIC MIGRATION IN ACETIC ACID 3% at first, second and third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>							0_A			
Aluminum at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	1	0_A		21/06	04/07
Aluminum at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	1	0_A		21/06	04/07
Aluminum at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	1	0_A		21/06	04/07
* Antimony at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.04	0_A		21/06	04/07
* Antimony at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.04	0_A		21/06	17/07
* Antimony at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.04	0_A		21/06	25/07
* Arsenic at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	04/07
* Arsenic at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	17/07
* Arsenic at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	25/07
Barium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	1	0_A		21/06	04/07
Barium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	1	0_A		21/06	18/07

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LAB N° 0069 L

N° 23-FC01312

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
Barium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	1	0_A		21/06	25/07
* Cadmium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.002		mg/kg	0.002	0.002	0_A		21/06	04/07
* Cadmium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.002		mg/kg	0.002	0.002	0_A		21/06	17/07
* Cadmium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.002		mg/kg	0.002	0.002	0_A		21/06	25/07
Cobalt at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	04/07
Cobalt at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	18/07
Cobalt at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	26/07
* Chromium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	04/07
* Chromium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	18/07
* Chromium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	25/07
* Europium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	04/07
* Europium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	18/07
* Europium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	25/07
Iron at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	48	0_A		21/06	04/07
Iron at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	48	0_A		21/06	18/07
Iron at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	48	0_A		21/06	25/07
* Gadolinium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	04/07
* Gadolinium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	18/07
* Gadolinium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	25/07
* Lanthanum at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	04/07
* Lanthanum at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	18/07
* Lanthanum at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	25/07
Lithium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	0.6	0_A		21/06	04/07
Lithium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	0.6	0_A		21/06	18/07
Lithium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	0.6	0_A		21/06	25/07
Manganese at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.05		mg/kg	0.05	0.6	0_A		21/06	04/07
Manganese at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.05		mg/kg	0.05	0.6	0_A		21/06	18/07

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LAB N° 0069 L

N° 23-FC01312

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
	Manganese at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.05		mg/kg	0.05	0.6	0_A		21/06	25/07
*	Mercury at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.005		mg/kg	0.005	0.01	0_A		21/06	04/07
*	Mercury at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.005		mg/kg	0.005	0.01	0_A		21/06	17/07
*	Mercury at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.005		mg/kg	0.005	0.01	0_A		21/06	25/07
	Nickel at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.02	0_A		21/06	04/07
	Nickel at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.02	0_A		21/06	18/07
	Nickel at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.02	0_A		21/06	25/07
*	Lead at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.01	0_A		21/06	04/07
*	Lead at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.01	0_A		21/06	17/07
*	Lead at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.01	0_A		21/06	25/07
	Copper at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	04/07
	Copper at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	18/07
	Copper at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	25/07
*	Sum of lanthanides (Eu+Gd+La+Tb) at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	04/07
*	Sum of lanthanides (Eu+Gd+La+Tb) at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	18/07
*	Sum of lanthanides (Eu+Gd+La+Tb) at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	25/07
*	Terbium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	04/07
*	Terbium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	18/07
*	Terbium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	25/07
	Zinc at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	04/07
	Zinc at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	18/07
	Zinc at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	25/07
*	Specific migration of PAA Reg. 10/2011 Annex II at first, second and third attack in 3% acetic acid <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	-					0_A			
*	2,2'-dichloro-4,4'-methylenedianiline at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
*	2,2'-dichloro-4,4'-methylenedianiline at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07

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pH Labs



LAB N° 0069 L

N° 23-FC01312

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
* 2,2'-dichloro-4,4'-methylenedianiline at third attack 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Methylenedianiline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Methylenedianiline at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Methylenedianiline at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Diaminodiphenylether at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Diaminodiphenylether at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Diaminodiphenylether at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Chloro-Aniline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Chloro-Aniline at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Chloro-Aniline at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
Phenylendiamine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.002		mg/kg	0.002		0_A		21/06	26/07
Phenylendiamine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.002		mg/kg	0.002		0_A		21/06	26/07
Phenylendiamine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.002		mg/kg	0.002		0_A		21/06	26/07
* 3,3'-Dimethoxybenzidine o-Dianisidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 3,3'-Dimethoxybenzidine o-Dianisidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 3,3'-Dimethoxybenzidine o-Dianisidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
3,3-Dimethylbenzidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
3,3-Dimethylbenzidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
3,3-Dimethylbenzidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2-Methoxy-5-Methylaniline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2-Methoxy-5-Methylaniline at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07

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pH Labs



LAB N° 0069 L

N° 23-FC01312

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
2-Methoxy-5-Methylaniline at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,4,5-Trimethylaniline at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,4,5-Trimethylaniline at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,4,5-Trimethylaniline at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 4,4'-thiodianiline at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 4,4'-thiodianiline at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 4,4'-thiodianiline at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 4-Aminoazobenzene at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 4-Aminoazobenzene at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 4-Aminoazobenzene at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Methoxy-m-phenylenediamine at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Methoxy-m-phenylenediamine at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Methoxy-m-phenylenediamine at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
Aniline at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001		0_A		21/06	26/07
Aniline at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001		0_A		21/06	26/07
Aniline at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001		0_A		21/06	26/07
2,6-Toluenediamine at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001		0_A		21/06	26/07
2,6-Toluenediamine at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001		0_A		21/06	26/07
2,6-Toluenediamine at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001		0_A		21/06	26/07
4,4-Methylenedi-o-toluidine at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07

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pH Labs



LAB N° 0069 L

N° 23-FC01312

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
4,4-Methylenedi-o-toluidine at second attack 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Methylenedi-o-toluidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,6-Dimethylaniline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	26/07
2,6-Dimethylaniline at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	26/07
2,6-Dimethylaniline at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	26/07
o-Anisidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
o-Anisidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
o-Anisidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 2-naphthylamine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 2-naphthylamine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 2-naphthylamine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 3,3'-dichlorobenzidine 3,3'-dichlorobiphenyl-4,4'-ylen. at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 3,3'-dichlorobenzidine 3,3'-dichlorobiphenyl-4,4'-ylen. at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 3,3'-dichlorobenzidine 3,3'-dichlorobiphenyl-4,4'-ylen. at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-aminobiphenyl at first attacco UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-aminobiphenyl at second attacco UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-aminobiphenyl at third attacco UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
Benzidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
Benzidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07

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LAB N° 0069 L

N° 23-FC01312

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
Benzidine third attack 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
o-Toluidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
o-Toluidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
o-Toluidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,4-Dimethylaniline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	26/07
2,4-Dimethylaniline at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	26/07
2,4-Dimethylaniline at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	26/07
4-Chloro-o-Toluidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Chloro-o-Toluidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Chloro-o-Toluidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,4-Toluenediamine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,4-Toluenediamine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,4-Toluenediamine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* o-aminoazotoluene,4-amino-2',3-dimethylazobenzen. at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* o-aminoazotoluene,4-amino-2',3-dimethylazobenzen. at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* o-aminoazotoluene,4-amino-2',3-dimethylazobenzen. at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 5-nitro-o-toluidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 5-nitro-o-toluidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 5-nitro-o-toluidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07

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pH Labs



LAB N° 0069 L

N° 23-FC01312

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
	SUM OF PRIMARY AROMATIC AMINES IN ACETIC ACID 3% AT FIRST ATTACK <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.01		mg/kg	0.01	0.01	0_A		21/06	26/07
	SUM OF PRIMARY AROMATIC AMINES IN ACETIC ACID 3% AT SECOND ATTACK <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.01		mg/kg	0.01	0.01	0_A		21/06	26/07
	SUM OF PRIMARY AROMATIC AMINES IN ACETIC ACID 3% AT THIRD ATTACK <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.01		mg/kg	0.01	0.01	0_A		21/06	26/07

Legend:  
 unc = uncertainty; u.m. = unit of measurement; LOQ (limit of quantification); o.u. (operative unit); 0\_A (test performed at o.u. Barberino Tavarnelle - FI, Sangallo street); 0\_B (test performed at o.u. Barberino Tavarnelle - FI, Bramante street); II (mobile lab.); III (external analysis); LE.# (Subcontracted Test performed by a different lab.);  
 (\* not accredited test by ACCREDIA)  
 (§) The laboratory declines all responsibility for sampling.  
 (C) Information provided by the Client/Third Party. The laboratory accepts no responsibility for results obtained from calculations using data provided by the Client/Third Party.

**Limits referred to Reg. UE 10/2011 + Reg. UE 1245/2020**

NOTE

Ratio S/V = 8.7 dm<sup>2</sup>/l

- For Chemical test, expanded uncertainty is referred to 95% confidence level. Coverage factor k=2.
- The limit of determination (LOD) results as 3/10LOQ if not indicated otherwise.
- The Laboratory uses the point as decimal separator.
- Where a declaration of conformity to a specification or standard is required, unless the decision rule is already contained in the specification or standard itself, the laboratory shall adopt as its decision rule the direct comparison with the limit without taking into account the uncertainty.

**NOTES AND GENERAL EVALUATIONS:** (not subject to accreditation Accredia)

Limited to the parameters analyzed, the sample complies with Reg. EU 10/2011 and its amendments and with DM 21/03/1973 and its amendments

- The results refer to the sample as received.
- The reported results only refer to the tested sample. Sample conditions at the arrival are recorded in the laboratory managing system.
- Food and not perishable samples are store for 30 day from the arrival date. Water, compost and perishable samples are stored until the emission of the Test Report.
- pH is registered under number 013 on the regional list of approved laboratories for analysis in the context of self-control procedures in the food industry (LR Tuscany No. 9 09/03/2006).

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pH Labs



LAB N° 0069 L

N° 23-FC01312

Date, 17/08/2023

Number of documents  
attached to this Test Report: 1



as per Technical Manager  
dott. Patrizio Nuti

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ATTACHED to the Test Report N° 23-FC01312



photo n. 1



pH Labs



LAB N° 0069 L

## TEST REPORT

N° 23-FC01313

Sample identification number: 23-FC01313  
 (C) Sample description: LT8427 - Spanish Green color  
 (C) Sampled by: Customer (§)  
 (C) Customer: CAMBRO PRESSWERK KONGEN GMBH  
 Kelterstrasse 51  
 UNTERENSINGEN 72669  
 Arrival date: 21/06/2023

## RESULTS

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
* Time and temperature at first, second, third attack										
* Time		10		days					21/06	21/06
* Temperature		40.0		°C					21/06	21/06
Colorants specific migration in ethanol 10% by immersion at third attack <i>DM n°34 21/03/1973 SO GU n°104 20/04/1973 All IV Sez VII</i>										
		> 98		%T		>95	0_A		21/06	31/07
Colorants specific migration in acetic acid 3% by immersion at third attack <i>DM n°34 21/03/1973 SO GU n°104 20/04/1973 All IV Sez VII</i>										
		> 98		%T		>95	0_A		21/06	31/07
Colorants specific migration in sunflower oil by immersion at third attack <i>DM n°34 21/03/1973 SO GU n°104 20/04/1973 All IV Sez VII</i>										
		> 98		%T		>95	0_A		21/06	31/07
19 METALS SPECIFIC MIGRATION IN ACETIC ACID 3% at first, second and third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
Aluminum at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
		< 0.1		mg/kg	0.1	1	0_A		21/06	04/07
Aluminum at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
		< 0.1		mg/kg	0.1	1	0_A		21/06	04/07
Aluminum at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
		< 0.1		mg/kg	0.1	1	0_A		21/06	04/07
* Antimony at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
		< 0.01		mg/kg	0.01	0.04	0_A		21/06	04/07
* Antimony at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
		< 0.01		mg/kg	0.01	0.04	0_A		21/06	17/07
* Antimony at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
		< 0.01		mg/kg	0.01	0.04	0_A		21/06	25/07
* Arsenic at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
		< 0.01		mg/kg	0.01	0.01	0_A		21/06	04/07
* Arsenic at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
		< 0.01		mg/kg	0.01	0.01	0_A		21/06	17/07
* Arsenic at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
		< 0.01		mg/kg	0.01	0.01	0_A		21/06	25/07
Barium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
		< 0.1		mg/kg	0.1	1	0_A		21/06	04/07
Barium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
		< 0.1		mg/kg	0.1	1	0_A		21/06	18/07

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LAB N° 0069 L

N° 23-FC01313

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
Barium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	1	0_A		21/06	25/07
* Cadmium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.002		mg/kg	0.002	0.002	0_A		21/06	04/07
* Cadmium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.002		mg/kg	0.002	0.002	0_A		21/06	17/07
* Cadmium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.002		mg/kg	0.002	0.002	0_A		21/06	25/07
Cobalt at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	04/07
Cobalt at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	18/07
Cobalt at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	26/07
* Chromium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	04/07
* Chromium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	18/07
* Chromium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	25/07
* Europium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	04/07
* Europium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	18/07
* Europium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	25/07
Iron at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	48	0_A		21/06	04/07
Iron at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	48	0_A		21/06	18/07
Iron at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	48	0_A		21/06	25/07
* Gadolinium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	04/07
* Gadolinium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	18/07
* Gadolinium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	25/07
* Lanthanum at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	04/07
* Lanthanum at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	18/07
* Lanthanum at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	25/07
Lithium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	0.6	0_A		21/06	04/07
Lithium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	0.6	0_A		21/06	18/07
Lithium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	0.6	0_A		21/06	25/07
Manganese at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.05		mg/kg	0.05	0.6	0_A		21/06	04/07
Manganese at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.05		mg/kg	0.05	0.6	0_A		21/06	18/07

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pH Labs



LAB N° 0069 L

N° 23-FC01313

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
	Manganese at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.05		mg/kg	0.05	0.6	0_A		21/06	25/07
*	Mercury at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.005		mg/kg	0.005	0.01	0_A		21/06	04/07
*	Mercury at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.005		mg/kg	0.005	0.01	0_A		21/06	17/07
*	Mercury at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.005		mg/kg	0.005	0.01	0_A		21/06	25/07
	Nickel at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.02	0_A		21/06	04/07
	Nickel at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.02	0_A		21/06	18/07
	Nickel at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.02	0_A		21/06	25/07
*	Lead at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.01	0_A		21/06	04/07
*	Lead at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.01	0_A		21/06	17/07
*	Lead at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.01	0_A		21/06	25/07
	Copper at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	04/07
	Copper at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	18/07
	Copper at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	25/07
*	Sum of lanthanides (Eu+Gd+La+Tb) at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	04/07
*	Sum of lanthanides (Eu+Gd+La+Tb) at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	18/07
*	Sum of lanthanides (Eu+Gd+La+Tb) at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	25/07
*	Terbium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	04/07
*	Terbium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	18/07
*	Terbium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	25/07
	Zinc at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	04/07
	Zinc at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	18/07
	Zinc at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	25/07
*	Specific migration of PAA Reg. 10/2011 Annex II at first, second and third attack in 3% acetic acid <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	-					0_A			
*	2,2'-dichloro-4,4'-methylenedianiline at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
*	2,2'-dichloro-4,4'-methylenedianiline at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07

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pH Labs



LAB N° 0069 L

N° 23-FC01313

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
* 2,2'-dichloro-4,4'-methylenedianiline at third attack 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Methylenedianiline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Methylenedianiline at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Methylenedianiline at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Diaminodiphenylether at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Diaminodiphenylether at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Diaminodiphenylether at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Chloro-Aniline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Chloro-Aniline at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Chloro-Aniline at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
Phenylendiamine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.002		mg/kg	0.002		0_A		21/06	26/07
Phenylendiamine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.002		mg/kg	0.002		0_A		21/06	26/07
Phenylendiamine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.002		mg/kg	0.002		0_A		21/06	26/07
* 3,3'-Dimethoxybenzidine o-Dianisidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 3,3'-Dimethoxybenzidine o-Dianisidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 3,3'-Dimethoxybenzidine o-Dianisidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
3,3-Dimethylbenzidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
3,3-Dimethylbenzidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
3,3-Dimethylbenzidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2-Methoxy-5-Methylaniline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2-Methoxy-5-Methylaniline at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07

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pH Labs



LAB N° 0069 L

N° 23-FC01313

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
2-Methoxy-5-Methylaniline at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,4,5-Trimethylaniline at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,4,5-Trimethylaniline at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,4,5-Trimethylaniline at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 4,4'-thiodianiline at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 4,4'-thiodianiline at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 4,4'-thiodianiline at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 4-Aminoazobenzene at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 4-Aminoazobenzene at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 4-Aminoazobenzene at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Methoxy-m-phenylenediamine at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Methoxy-m-phenylenediamine at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Methoxy-m-phenylenediamine at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
Aniline at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001		0_A		21/06	26/07
Aniline at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001		0_A		21/06	26/07
Aniline at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001		0_A		21/06	26/07
2,6-Toluenediamine at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001		0_A		21/06	26/07
2,6-Toluenediamine at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001		0_A		21/06	26/07
2,6-Toluenediamine at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001		0_A		21/06	26/07
4,4-Methylenedi-o-toluidine at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07

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LAB N° 0069 L

N° 23-FC01313

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
4,4-Methylenedi-o-toluidine at second attack 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Methylenedi-o-toluidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,6-Dimethylaniline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	26/07
2,6-Dimethylaniline at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	26/07
2,6-Dimethylaniline at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	26/07
o-Anisidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
o-Anisidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
o-Anisidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 2-naphthylamine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 2-naphthylamine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 2-naphthylamine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 3,3'-dichlorobenzidine 3,3'-dichlorobiphenyl-4,4'-ylen. at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 3,3'-dichlorobenzidine 3,3'-dichlorobiphenyl-4,4'-ylen. at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 3,3'-dichlorobenzidine 3,3'-dichlorobiphenyl-4,4'-ylen. at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-aminobiphenyl at first attacco UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-aminobiphenyl at second attacco UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-aminobiphenyl at third attacco UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
Benzidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
Benzidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07

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LAB N° 0069 L

N° 23-FC01313

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
Benzidine third attack 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
o-Toluidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
o-Toluidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
o-Toluidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,4-Dimethylaniline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	26/07
2,4-Dimethylaniline at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	26/07
2,4-Dimethylaniline at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	26/07
4-Chloro-o-Toluidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Chloro-o-Toluidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Chloro-o-Toluidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,4-Toluenediamine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,4-Toluenediamine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,4-Toluenediamine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* o-aminoazotoluene,4-amino-2',3-dimethylazobenzen. at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* o-aminoazotoluene,4-amino-2',3-dimethylazobenzen. at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* o-aminoazotoluene,4-amino-2',3-dimethylazobenzen. at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 5-nitro-o-toluidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 5-nitro-o-toluidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 5-nitro-o-toluidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07

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pH Labs



LAB N° 0069 L

N° 23-FC01313

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
SUM OF PRIMARY AROMATIC AMINES IN ACETIC ACID 3% AT FIRST ATTACK <small>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</small>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	26/07
SUM OF PRIMARY AROMATIC AMINES IN ACETIC ACID 3% AT SECOND ATTACK <small>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</small>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	26/07
SUM OF PRIMARY AROMATIC AMINES IN ACETIC ACID 3% AT THIRD ATTACK <small>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</small>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	26/07

Legend:  
unc = uncertainty; u.m. = unit of measurement; LOQ (limit of quantification); o.u. (operative unit); 0\_A (test performed at o.u. Barberino Tavarnelle - FI, Sangallo street); 0\_B (test performed at o.u. Barberino Tavarnelle - FI, Bramante street); II (mobile lab.); III (external analysis); LE.# (Subcontracted Test performed by a different lab.);  
(\* not accredited test by ACCREDIA)  
(§) The laboratory declines all responsibility for sampling.  
(C) Information provided by the Client/Third Party. The laboratory accepts no responsibility for results obtained from calculations using data provided by the Client/Third Party.

#### Limits referred to Reg. UE 10/2011 + Reg. UE 1245/2020

#### NOTE

Ratio S/V = 10 dm<sup>2</sup>/l

- For Chemical test, expanded uncertainty is referred to 95% confidence level. Coverage factor k=2.
- The limit of determination (LOD) results as 3/10LOQ if not indicated otherwise.
- The Laboratory uses the point as decimal separator.
- Where a declaration of conformity to a specification or standard is required, unless the decision rule is already contained in the specification or standard itself, the laboratory shall adopt as its decision rule the direct comparison with the limit without taking into account the uncertainty.

#### NOTES AND GENERAL EVALUATIONS: (not subject to accreditation Accredia)

Limited to the parameters analyzed, the sample complies with Reg. EU 10/2011 and its amendments and with DM 21/03/1973 and its amendments

- The results refer to the sample as received.
- The reported results only refer to the tested sample. Sample conditions at the arrival are recorded in the laboratory managing system.
- Food and not perishable samples are store for 30 day from the arrival date. Water, compost and perishable samples are stored until the emission of the Test Report.
- pH is registered under number 013 on the regional list of approved laboratories for analysis in the context of self-control procedures in the food industry (LR Tuscany No. 9 09/03/2006).

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LAB N° 0069 L

N° 23-FC01313

Date, 17/08/2023

Number of documents  
attached to this Test Report: 1



as per Technical Manager  
dott. Patrizio Nuti

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ATTACHED to the Test Report N° 23-FC01313



photo n. 1



pH Labs



LAB N° 0069 L

## TEST REPORT

N° 23-FC01314

Sample identification number: 23-FC01314  
 (C) Sample description: NT16401 - Slate Blue color  
 (C) Sampled by: Customer (§)  
 (C) Customer: CAMBRO PRESSWERK KONGEN GMBH  
 Kelterstrasse 51  
 UNTERENSINGEN 72669  
 Arrival date: 21/06/2023

## RESULTS

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
* Time and temperature at first, second, third attack										
* Time		10		days					21/06	21/06
* Temperature		40.0		°C					21/06	21/06
Colorants specific migration in ethanol 10% by immersion at third attack <i>DM n°34 21/03/1973 SO GU n°104 20/04/1973 All IV Sez VII</i>		> 98		%T		>95	0_A		21/06	31/07
Colorants specific migration in acetic acid 3% by immersion at third attack <i>DM n°34 21/03/1973 SO GU n°104 20/04/1973 All IV Sez VII</i>		> 98		%T		>95	0_A		21/06	31/07
Colorants specific migration in sunflower oil by immersion at third attack <i>DM n°34 21/03/1973 SO GU n°104 20/04/1973 All IV Sez VII</i>		> 98		%T		>95	0_A		21/06	31/07
19 METALS SPECIFIC MIGRATION IN ACETIC ACID 3% at first, second and third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>							0_A			
Aluminum at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	1	0_A		21/06	04/07
Aluminum at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	1	0_A		21/06	04/07
Aluminum at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	1	0_A		21/06	04/07
* Antimony at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.04	0_A		21/06	04/07
* Antimony at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.04	0_A		21/06	17/07
* Antimony at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.04	0_A		21/06	25/07
* Arsenic at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	04/07
* Arsenic at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	17/07
* Arsenic at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	25/07
Barium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	1	0_A		21/06	04/07
Barium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	1	0_A		21/06	18/07

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LAB N° 0069 L

N° 23-FC01314

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
Barium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	1	0_A		21/06	25/07
* Cadmium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.002		mg/kg	0.002	0.002	0_A		21/06	04/07
* Cadmium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.002		mg/kg	0.002	0.002	0_A		21/06	17/07
* Cadmium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.002		mg/kg	0.002	0.002	0_A		21/06	25/07
Cobalt at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	04/07
Cobalt at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	18/07
Cobalt at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	26/07
* Chromium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	04/07
* Chromium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	18/07
* Chromium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	25/07
* Europium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	04/07
* Europium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	18/07
* Europium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	25/07
Iron at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	48	0_A		21/06	04/07
Iron at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	48	0_A		21/06	18/07
Iron at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	48	0_A		21/06	25/07
* Gadolinium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	04/07
* Gadolinium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	18/07
* Gadolinium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	25/07
* Lanthanum at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	04/07
* Lanthanum at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	18/07
* Lanthanum at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	25/07
Lithium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	0.6	0_A		21/06	04/07
Lithium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	0.6	0_A		21/06	18/07
Lithium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	0.6	0_A		21/06	25/07
Manganese at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.05		mg/kg	0.05	0.6	0_A		21/06	04/07
Manganese at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.05		mg/kg	0.05	0.6	0_A		21/06	18/07

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LAB N° 0069 L

N° 23-FC01314

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
	Manganese at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.05		mg/kg	0.05	0.6	0_A		21/06	25/07
*	Mercury at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.005		mg/kg	0.005	0.01	0_A		21/06	04/07
*	Mercury at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.005		mg/kg	0.005	0.01	0_A		21/06	17/07
*	Mercury at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.005		mg/kg	0.005	0.01	0_A		21/06	25/07
	Nickel at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.02	0_A		21/06	04/07
	Nickel at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.02	0_A		21/06	18/07
	Nickel at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.02	0_A		21/06	25/07
*	Lead at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.01	0_A		21/06	04/07
*	Lead at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.01	0_A		21/06	17/07
*	Lead at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.01	0_A		21/06	25/07
	Copper at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	04/07
	Copper at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	18/07
	Copper at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	25/07
*	Sum of lanthanides (Eu+Gd+La+Tb) at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	04/07
*	Sum of lanthanides (Eu+Gd+La+Tb) at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	18/07
*	Sum of lanthanides (Eu+Gd+La+Tb) at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	25/07
*	Terbium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	04/07
*	Terbium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	18/07
*	Terbium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	25/07
	Zinc at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	04/07
	Zinc at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	18/07
	Zinc at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	25/07
*	Specific migration of PAA Reg. 10/2011 Annex II at first, second and third attack in 3% acetic acid <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	-					0_A			
*	2,2'-dichloro-4,4'-methylenedianiline at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
*	2,2'-dichloro-4,4'-methylenedianiline at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07

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pH Labs



LAB N° 0069 L

N° 23-FC01314

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
* 2,2'-dichloro-4,4'-methylenedianiline at third attack 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Methylenedianiline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Methylenedianiline at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Methylenedianiline at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Diaminodiphenylether at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Diaminodiphenylether at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Diaminodiphenylether at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Chloro-Aniline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Chloro-Aniline at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Chloro-Aniline at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
Phenylendiamine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.002		mg/kg	0.002		0_A		21/06	26/07
Phenylendiamine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.002		mg/kg	0.002		0_A		21/06	26/07
Phenylendiamine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.002		mg/kg	0.002		0_A		21/06	26/07
* 3,3'-Dimethoxybenzidine o-Dianisidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 3,3'-Dimethoxybenzidine o-Dianisidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 3,3'-Dimethoxybenzidine o-Dianisidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
3,3-Dimethylbenzidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
3,3-Dimethylbenzidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
3,3-Dimethylbenzidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2-Methoxy-5-Methylaniline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2-Methoxy-5-Methylaniline at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07

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pH Labs



LAB N° 0069 L

N° 23-FC01314

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
2-Methoxy-5-Methylaniline at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,4,5-Trimethylaniline at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,4,5-Trimethylaniline at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,4,5-Trimethylaniline at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 4,4'-thiodianiline at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 4,4'-thiodianiline at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 4,4'-thiodianiline at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 4-Aminoazobenzene at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 4-Aminoazobenzene at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 4-Aminoazobenzene at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Methoxy-m-phenylenediamine at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Methoxy-m-phenylenediamine at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Methoxy-m-phenylenediamine at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
Aniline at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001		0_A		21/06	26/07
Aniline at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001		0_A		21/06	26/07
Aniline at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001		0_A		21/06	26/07
2,6-Toluenediamine at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001		0_A		21/06	26/07
2,6-Toluenediamine at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001		0_A		21/06	26/07
2,6-Toluenediamine at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001		0_A		21/06	26/07
4,4-Methylenedi-o-toluidine at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07

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pH Labs



LAB N° 0069 L

N° 23-FC01314

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
4,4-Methylenedi-o-toluidine at second attack 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Methylenedi-o-toluidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,6-Dimethylaniline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	26/07
2,6-Dimethylaniline at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	26/07
2,6-Dimethylaniline at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	26/07
o-Anisidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
o-Anisidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
o-Anisidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 2-naphthylamine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 2-naphthylamine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 2-naphthylamine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 3,3'-dichlorobenzidine 3,3'-dichlorobiphenyl-4,4'-ylen. at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 3,3'-dichlorobenzidine 3,3'-dichlorobiphenyl-4,4'-ylen. at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 3,3'-dichlorobenzidine 3,3'-dichlorobiphenyl-4,4'-ylen. at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-aminobiphenyl at first attacco UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-aminobiphenyl at second attacco UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-aminobiphenyl at third attacco UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
Benzidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
Benzidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07

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pH Labs



LAB N° 0069 L

N° 23-FC01314

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
Benzidine third attack 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
o-Toluidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
o-Toluidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
o-Toluidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,4-Dimethylaniline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	26/07
2,4-Dimethylaniline at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	26/07
2,4-Dimethylaniline at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	26/07
4-Chloro-o-Toluidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Chloro-o-Toluidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Chloro-o-Toluidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,4-Toluenediamine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,4-Toluenediamine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,4-Toluenediamine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* o-aminoazotoluene,4-amino-2',3-dimethylazobenzen. at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* o-aminoazotoluene,4-amino-2',3-dimethylazobenzen. at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* o-aminoazotoluene,4-amino-2',3-dimethylazobenzen. at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 5-nitro-o-toluidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 5-nitro-o-toluidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 5-nitro-o-toluidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07

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pH Labs



LAB N° 0069 L

N° 23-FC01314

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
SUM OF PRIMARY AROMATIC AMINES IN ACETIC ACID 3% AT FIRST ATTACK <small>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</small>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	26/07
SUM OF PRIMARY AROMATIC AMINES IN ACETIC ACID 3% AT SECOND ATTACK <small>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</small>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	26/07
SUM OF PRIMARY AROMATIC AMINES IN ACETIC ACID 3% AT THIRD ATTACK <small>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</small>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	26/07

Legend:  
unc = uncertainty; u.m. = unit of measurement; LOQ (limit of quantification); o.u. (operative unit); 0\_A (test performed at o.u. Barberino Tavarnelle - FI, Sangallo street); 0\_B (test performed at o.u. Barberino Tavarnelle - FI, Bramante street); II (mobile lab.); III (external analysis); LE.# (Subcontracted Test performed by a different lab.);  
(\* not accredited test by ACCREDIA)  
(§) The laboratory declines all responsibility for sampling.  
(C) Information provided by the Client/Third Party. The laboratory accepts no responsibility for results obtained from calculations using data provided by the Client/Third Party.

#### Limits referred to Reg. UE 10/2011 + Reg. UE 1245/2020

NOTE

Ratio S/V = 13 dm<sup>2</sup>/l

- For Chemical test, expanded uncertainty is referred to 95% confidence level. Coverage factor k=2.
- The limit of determination (LOD) results as 3/10LOQ if not indicated otherwise.
- The Laboratory uses the point as decimal separator.
- Where a declaration of conformity to a specification or standard is required, unless the decision rule is already contained in the specification or standard itself, the laboratory shall adopt as its decision rule the direct comparison with the limit without taking into account the uncertainty.

NOTES AND GENERAL EVALUATIONS: (not subject to accreditation Accredia)

Limited to the parameters analyzed, the sample complies with Reg. EU 10/2011 and its amendments and with DM 21/03/1973 and its amendments

- The results refer to the sample as received.
- The reported results only refer to the tested sample. Sample conditions at the arrival are recorded in the laboratory managing system.
- Food and not perishable samples are store for 30 day from the arrival date. Water, compost and perishable samples are stored until the emission of the Test Report.
- pH is registered under number 013 on the regional list of approved laboratories for analysis in the context of self-control procedures in the food industry (LR Tuscany No. 9 09/03/2006).

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pH Labs



LAB N° 0069 L

N° 23-FC01314

Date, 17/08/2023

Number of documents  
attached to this Test Report: 1



as per Technical Manager  
dott. Patrizio Nuti

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pH Labs

**ATTACHED to the Test Report N° 23-FC01314**



photo n. 1



pH Labs



LAB N° 0069 L

## TEST REPORT

N° 23-FC01315

Sample identification number: 23-FC01315  
 (C) Sample description: NT 8153 - Amber color  
 (C) Sampled by: Customer (§)  
 (C) Customer: CAMBRO PRESSWERK KONGEN GMBH  
 Kelterstrasse 51  
 UNTERENSINGEN 72669  
 Arrival date: 21/06/2023

## RESULTS

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
* Time and temperature at first, second, third attack										
* Time		10		days					21/06	31/07
* Temperature		40.0		°C					21/06	31/07
Colorants specific migration in ethanol 10% by immersion at third attack <i>DM n°34 21/03/1973 SO GU n°104 20/04/1973 All IV Sez VII</i>										
		> 98		%T		>95	0_A		21/06	31/07
Colorants specific migration in acetic acid 3% by immersion at third attack <i>DM n°34 21/03/1973 SO GU n°104 20/04/1973 All IV Sez VII</i>										
		> 98		%T		>95	0_A		21/06	31/07
Colorants specific migration in sunflower oil by immersion at third attack <i>DM n°34 21/03/1973 SO GU n°104 20/04/1973 All IV Sez VII</i>										
		> 98		%T		>95	0_A		21/06	31/07
19 METALS SPECIFIC MIGRATION IN ACETIC ACID 3% at first, second and third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
Aluminum at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
		< 0.1		mg/kg	0.1	1	0_A		21/06	04/07
Aluminum at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
		< 0.1		mg/kg	0.1	1	0_A		21/06	04/07
Aluminum at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
		< 0.1		mg/kg	0.1	1	0_A		21/06	04/07
* Antimony at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
		< 0.01		mg/kg	0.01	0.04	0_A		21/06	04/07
* Antimony at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
		< 0.01		mg/kg	0.01	0.04	0_A		21/06	17/07
* Antimony at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
		< 0.01		mg/kg	0.01	0.04	0_A		21/06	25/07
* Arsenic at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
		< 0.01		mg/kg	0.01	0.01	0_A		21/06	04/07
* Arsenic at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
		< 0.01		mg/kg	0.01	0.01	0_A		21/06	17/07
* Arsenic at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
		< 0.01		mg/kg	0.01	0.01	0_A		21/06	25/07
Barium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
		< 0.1		mg/kg	0.1	1	0_A		21/06	04/07
Barium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
		< 0.1		mg/kg	0.1	1	0_A		21/06	18/07

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LAB N° 0069 L

N° 23-FC01315

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
Barium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	1	0_A		21/06	25/07
* Cadmium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.002		mg/kg	0.002	0.002	0_A		21/06	04/07
* Cadmium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.002		mg/kg	0.002	0.002	0_A		21/06	17/07
* Cadmium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.002		mg/kg	0.002	0.002	0_A		21/06	25/07
Cobalt at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	04/07
Cobalt at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	18/07
Cobalt at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	26/07
* Chromium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	04/07
* Chromium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	18/07
* Chromium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	25/07
* Europium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	04/07
* Europium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	18/07
* Europium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	25/07
Iron at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	48	0_A		21/06	04/07
Iron at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	48	0_A		21/06	18/07
Iron at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	48	0_A		21/06	25/07
* Gadolinium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	04/07
* Gadolinium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	18/07
* Gadolinium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	25/07
* Lanthanum at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	04/07
* Lanthanum at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	18/07
* Lanthanum at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	25/07
Lithium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	0.6	0_A		21/06	04/07
Lithium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	0.6	0_A		21/06	18/07
Lithium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	0.6	0_A		21/06	25/07
Manganese at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.05		mg/kg	0.05	0.6	0_A		21/06	04/07
Manganese at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.05		mg/kg	0.05	0.6	0_A		21/06	18/07

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LAB N° 0069 L

N° 23-FC01315

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
	Manganese at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.05		mg/kg	0.05	0.6	0_A		21/06	25/07
*	Mercury at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.005		mg/kg	0.005	0.01	0_A		21/06	04/07
*	Mercury at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.005		mg/kg	0.005	0.01	0_A		21/06	17/07
*	Mercury at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.005		mg/kg	0.005	0.01	0_A		21/06	25/07
	Nickel at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.02	0_A		21/06	04/07
	Nickel at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.02	0_A		21/06	18/07
	Nickel at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.02	0_A		21/06	25/07
*	Lead at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.01	0_A		21/06	04/07
*	Lead at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.01	0_A		21/06	17/07
*	Lead at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.01	0_A		21/06	25/07
	Copper at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	04/07
	Copper at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	18/07
	Copper at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	25/07
*	Sum of lanthanides (Eu+Gd+La+Tb) at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	04/07
*	Sum of lanthanides (Eu+Gd+La+Tb) at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	18/07
*	Sum of lanthanides (Eu+Gd+La+Tb) at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	25/07
*	Terbium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	04/07
*	Terbium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	18/07
*	Terbium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	25/07
	Zinc at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	04/07
	Zinc at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	18/07
	Zinc at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	25/07
*	Specific migration of PAA Reg. 10/2011 Annex II at first, second and third attack in 3% acetic acid <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	-					0_A			
*	2,2'-dichloro-4,4'-methylenedianiline at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
*	2,2'-dichloro-4,4'-methylenedianiline at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07

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pH Labs



LAB N° 0069 L

N° 23-FC01315

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
* 2,2'-dichloro-4,4'-methylenedianiline at third attack 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Methylenedianiline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Methylenedianiline at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Methylenedianiline at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Diaminodiphenylether at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Diaminodiphenylether at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Diaminodiphenylether at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Chloro-Aniline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Chloro-Aniline at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Chloro-Aniline at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
Phenylendiamine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.002		mg/kg	0.002		0_A		21/06	26/07
Phenylendiamine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.002		mg/kg	0.002		0_A		21/06	26/07
Phenylendiamine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.002		mg/kg	0.002		0_A		21/06	26/07
* 3,3'-Dimethoxybenzidine o-Dianisidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 3,3'-Dimethoxybenzidine o-Dianisidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 3,3'-Dimethoxybenzidine o-Dianisidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
3,3-Dimethylbenzidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
3,3-Dimethylbenzidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
3,3-Dimethylbenzidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2-Methoxy-5-Methylaniline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2-Methoxy-5-Methylaniline at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07

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LAB N° 0069 L

N° 23-FC01315

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
	2-Methoxy-5-Methylaniline at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
	2,4,5-Trimethylaniline at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
	2,4,5-Trimethylaniline at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
	2,4,5-Trimethylaniline at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
*	4,4'-thiodianiline at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
*	4,4'-thiodianiline at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
*	4,4'-thiodianiline at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
*	4-Aminoazobenzene at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
*	4-Aminoazobenzene at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
*	4-Aminoazobenzene at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
	4-Methoxy-m-phenylenediamine at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
	4-Methoxy-m-phenylenediamine at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
	4-Methoxy-m-phenylenediamine at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
	Aniline at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001		0_A		21/06	26/07
	Aniline at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001		0_A		21/06	26/07
	Aniline at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001		0_A		21/06	26/07
	2,6-Toluenediamine at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001		0_A		21/06	26/07
	2,6-Toluenediamine at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001		0_A		21/06	26/07
	2,6-Toluenediamine at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001		0_A		21/06	26/07
	4,4-Methylenedi-o-toluidine at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07

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pH Labs



LAB N° 0069 L

N° 23-FC01315

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
4,4-Methylenedi-o-toluidine at second attack 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Methylenedi-o-toluidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,6-Dimethylaniline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	26/07
2,6-Dimethylaniline at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	26/07
2,6-Dimethylaniline at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	26/07
o-Anisidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
o-Anisidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
o-Anisidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 2-naphthylamine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 2-naphthylamine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 2-naphthylamine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 3,3'-dichlorobenzidine 3,3'-dichlorobiphenyl-4,4'-ylen. at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 3,3'-dichlorobenzidine 3,3'-dichlorobiphenyl-4,4'-ylen. at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 3,3'-dichlorobenzidine 3,3'-dichlorobiphenyl-4,4'-ylen. at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-aminobiphenyl at first attacco UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-aminobiphenyl at second attacco UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-aminobiphenyl at third attacco UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
Benzidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
Benzidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07

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pH Labs



LAB N° 0069 L

N° 23-FC01315

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
Benzidine third attack 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
o-Toluidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
o-Toluidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
o-Toluidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,4-Dimethylaniline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	26/07
2,4-Dimethylaniline at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	26/07
2,4-Dimethylaniline at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	26/07
4-Chloro-o-Toluidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Chloro-o-Toluidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Chloro-o-Toluidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,4-Toluenediamine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,4-Toluenediamine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,4-Toluenediamine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* o-aminoazotoluene,4-amino-2',3-dimethylazobenzen. at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* o-aminoazotoluene,4-amino-2',3-dimethylazobenzen. at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* o-aminoazotoluene,4-amino-2',3-dimethylazobenzen. at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 5-nitro-o-toluidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 5-nitro-o-toluidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 5-nitro-o-toluidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07

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pH Labs



LAB N° 0069 L

N° 23-FC01315

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
SUM OF PRIMARY AROMATIC AMINES IN ACETIC ACID 3% AT FIRST ATTACK <small>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</small>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	26/07
SUM OF PRIMARY AROMATIC AMINES IN ACETIC ACID 3% AT SECOND ATTACK <small>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</small>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	26/07
SUM OF PRIMARY AROMATIC AMINES IN ACETIC ACID 3% AT THIRD ATTACK <small>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</small>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	26/07

Legend:  
unc = uncertainty; u.m. = unit of measurement; LOQ (limit of quantification); o.u. (operative unit); 0\_A (test performed at o.u. Barberino Tavarnelle - FI, Sangallo street); 0\_B (test performed at o.u. Barberino Tavarnelle - FI, Bramante street); II (mobile lab.); III (external analysis); LE.# (Subcontracted Test performed by a different lab.);  
(\* not accredited test by ACCREDIA)  
(§) The laboratory declines all responsibility for sampling.  
(C) Information provided by the Client/Third Party. The laboratory accepts no responsibility for results obtained from calculations using data provided by the Client/Third Party.

#### Limits referred to Reg. UE 10/2011 + Reg. UE 1245/2020

#### NOTE

Ratio S/V = 10 dm<sup>2</sup>/l

- For Chemical test, expanded uncertainty is referred to 95% confidence level. Coverage factor k=2.
- The limit of determination (LOD) results as 3/10LOQ if not indicated otherwise.
- The Laboratory uses the point as decimal separator.
- Where a declaration of conformity to a specification or standard is required, unless the decision rule is already contained in the specification or standard itself, the laboratory shall adopt as its decision rule the direct comparison with the limit without taking into account the uncertainty.

#### NOTES AND GENERAL EVALUATIONS: (not subject to accreditation Accredia)

Limited to the parameters analyzed, the sample complies with Reg. EU 10/2011 and its amendments and with DM 21/03/1973 and its amendments

- The results refer to the sample as received.
- The reported results only refer to the tested sample. Sample conditions at the arrival are recorded in the laboratory managing system.
- Food and not perishable samples are store for 30 day from the arrival date. Water, compost and perishable samples are stored until the emission of the Test Report.
- pH is registered under number 013 on the regional list of approved laboratories for analysis in the context of self-control procedures in the food industry (LR Tuscany No. 9 09/03/2006).

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pH Labs



LAB N° 0069 L

N° 23-FC01315

Date, 17/08/2023

Number of documents  
attached to this Test Report: 1



as per Technical Manager  
dott. Patrizio Nuti

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pH Labs

**ATTACHED to the Test Report N° 23-FC01315**

photo n. 1





pH Labs



LAB N° 0069 L

## TEST REPORT

N° 23-FC01316

Sample identification number: 23-FC01316  
 (C) Sample description: SB55174 - Birch color  
 (C) Sampled by: Customer (§)  
 (C) Customer: CAMBRO PRESSWERK KONGEN GMBH  
 Kelterstrasse 51  
 UNTERENSINGEN 72669  
 Arrival date: 21/06/2023

## RESULTS

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
* Time and temperature at first, second, third attack										
* Time		10		days					21/06	21/06
* Temperature		40.0		°C					21/06	31/07
Colorants specific migration in ethanol 10% by immersion at third attack		> 98		%T		>95	0_A		21/06	31/07
<i>DM n°34 21/03/1973 SO GU n°104 20/04/1973 All IV Sez VII</i>										
Colorants specific migration in acetic acid 3% by immersion at third attack		> 98		%T		>95	0_A		21/06	31/07
<i>DM n°34 21/03/1973 SO GU n°104 20/04/1973 All IV Sez VII</i>										
Colorants specific migration in sunflower oil by immersion at third attack		> 98		%T		>95	0_A		21/06	31/07
<i>DM n°34 21/03/1973 SO GU n°104 20/04/1973 All IV Sez VII</i>										
19 METALS SPECIFIC MIGRATION IN ACETIC ACID 3% at first, second and third attack							0_A			
<i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
Aluminum at first attack		< 0.1		mg/kg	0.1	1	0_A		21/06	04/07
<i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
Aluminum at second attack		< 0.1		mg/kg	0.1	1	0_A		21/06	04/07
<i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
Aluminum at third attack		< 0.1		mg/kg	0.1	1	0_A		21/06	04/07
<i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
* Antimony at first attack		< 0.01		mg/kg	0.01	0.04	0_A		21/06	04/07
<i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
* Antimony at second attack		< 0.01		mg/kg	0.01	0.04	0_A		21/06	17/07
<i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
* Antimony at third attack		< 0.01		mg/kg	0.01	0.04	0_A		21/06	25/07
<i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
* Arsenic at first attack		< 0.01		mg/kg	0.01	0.01	0_A		21/06	04/07
<i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
* Arsenic at second attack		< 0.01		mg/kg	0.01	0.01	0_A		21/06	17/07
<i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
* Arsenic at third attack		< 0.01		mg/kg	0.01	0.01	0_A		21/06	25/07
<i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
Barium at first attack		< 0.1		mg/kg	0.1	1	0_A		21/06	04/07
<i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										
Barium at second attack		< 0.1		mg/kg	0.1	1	0_A		21/06	18/07
<i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>										

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LAB N° 0069 L

N° 23-FC01316

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
Barium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	1	0_A		21/06	25/07
* Cadmium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.002		mg/kg	0.002	0.002	0_A		21/06	04/07
* Cadmium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.002		mg/kg	0.002	0.002	0_A		21/06	17/07
* Cadmium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.002		mg/kg	0.002	0.002	0_A		21/06	25/07
Cobalt at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	04/07
Cobalt at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	18/07
Cobalt at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	26/07
* Chromium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	04/07
* Chromium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	18/07
* Chromium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.01	0_A		21/06	25/07
* Europium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	04/07
* Europium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	18/07
* Europium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	25/07
Iron at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	48	0_A		21/06	04/07
Iron at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	48	0_A		21/06	18/07
Iron at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	48	0_A		21/06	25/07
* Gadolinium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	04/07
* Gadolinium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	18/07
* Gadolinium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	25/07
* Lanthanum at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	04/07
* Lanthanum at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	18/07
* Lanthanum at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.01		mg/kg	0.01	0.05	0_A		21/06	25/07
Lithium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	0.6	0_A		21/06	04/07
Lithium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	0.6	0_A		21/06	18/07
Lithium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.1		mg/kg	0.1	0.6	0_A		21/06	25/07
Manganese at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.05		mg/kg	0.05	0.6	0_A		21/06	04/07
Manganese at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>		< 0.05		mg/kg	0.05	0.6	0_A		21/06	18/07

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LAB N° 0069 L

N° 23-FC01316

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
	Manganese at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.05		mg/kg	0.05	0.6	0_A		21/06	25/07
*	Mercury at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.005		mg/kg	0.005	0.01	0_A		21/06	04/07
*	Mercury at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.005		mg/kg	0.005	0.01	0_A		21/06	17/07
*	Mercury at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.005		mg/kg	0.005	0.01	0_A		21/06	25/07
	Nickel at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.02	0_A		21/06	04/07
	Nickel at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.02	0_A		21/06	18/07
	Nickel at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.02	0_A		21/06	25/07
*	Lead at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.01	0_A		21/06	04/07
*	Lead at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.01	0_A		21/06	17/07
*	Lead at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.01	0_A		21/06	25/07
	Copper at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	04/07
	Copper at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	18/07
	Copper at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	25/07
*	Sum of lanthanides (Eu+Gd+La+Tb) at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	04/07
*	Sum of lanthanides (Eu+Gd+La+Tb) at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	18/07
*	Sum of lanthanides (Eu+Gd+La+Tb) at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	25/07
*	Terbium at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	04/07
*	Terbium at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	18/07
*	Terbium at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.01		mg/kg	0.01	0.05	0_A		21/06	25/07
	Zinc at first attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	04/07
	Zinc at second attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	18/07
	Zinc at third attack <i>UNI EN 13130-1:2005 + EPA 6010D 2018</i>	< 0.1		mg/kg	0.1	5	0_A		21/06	25/07
*	Specific migration of PAA Reg. 10/2011 Annex II at first, second and third attack in 3% acetic acid <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	-					0_A			
*	2,2'-dichloro-4,4'-methylenedianiline at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
*	2,2'-dichloro-4,4'-methylenedianiline at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07

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LAB N° 0069 L

N° 23-FC01316

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
* 2,2'-dichloro-4,4'-methylenedianiline at third attack 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Methylenedianiline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Methylenedianiline at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Methylenedianiline at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Diaminodiphenylether at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Diaminodiphenylether at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Diaminodiphenylether at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Chloro-Aniline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Chloro-Aniline at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Chloro-Aniline at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
Phenylendiamine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.002		mg/kg	0.002		0_A		21/06	26/07
Phenylendiamine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.002		mg/kg	0.002		0_A		21/06	26/07
Phenylendiamine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.002		mg/kg	0.002		0_A		21/06	26/07
* 3,3'-Dimethoxybenzidine o-Dianisidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 3,3'-Dimethoxybenzidine o-Dianisidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 3,3'-Dimethoxybenzidine o-Dianisidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
3,3-Dimethylbenzidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
3,3-Dimethylbenzidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
3,3-Dimethylbenzidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2-Methoxy-5-Methylaniline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2-Methoxy-5-Methylaniline at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07

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pH Labs



LAB N° 0069 L

N° 23-FC01316

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
	2-Methoxy-5-Methylaniline at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
	2,4,5-Trimethylaniline at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
	2,4,5-Trimethylaniline at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
	2,4,5-Trimethylaniline at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
*	4,4'-thiodianiline at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
*	4,4'-thiodianiline at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
*	4,4'-thiodianiline at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
*	4-Aminoazobenzene at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
*	4-Aminoazobenzene at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
*	4-Aminoazobenzene at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
	4-Methoxy-m-phenylenediamine at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
	4-Methoxy-m-phenylenediamine at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
	4-Methoxy-m-phenylenediamine at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
	Aniline at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001		0_A		21/06	26/07
	Aniline at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001		0_A		21/06	26/07
	Aniline at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001		0_A		21/06	26/07
	2,6-Toluenediamine at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001		0_A		21/06	26/07
	2,6-Toluenediamine at second attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001		0_A		21/06	26/07
	2,6-Toluenediamine at third attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001		0_A		21/06	26/07
	4,4-Methylenedi-o-toluidine at first attack <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07

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pH Labs



LAB N° 0069 L

N° 23-FC01316

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
4,4-Methylenedi-o-toluidine at second attack 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4,4-Methylenedi-o-toluidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,6-Dimethylaniline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	26/07
2,6-Dimethylaniline at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	26/07
2,6-Dimethylaniline at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	26/07
o-Anisidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
o-Anisidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
o-Anisidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 2-naphthylamine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 2-naphthylamine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 2-naphthylamine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 3,3'-dichlorobenzidine 3,3'-dichlorobiphenyl-4,4'-ylen. at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 3,3'-dichlorobenzidine 3,3'-dichlorobiphenyl-4,4'-ylen. at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 3,3'-dichlorobenzidine 3,3'-dichlorobiphenyl-4,4'-ylen. at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-aminobiphenyl at first attacco UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-aminobiphenyl at second attacco UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-aminobiphenyl at third attacco UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
Benzidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
Benzidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07

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pH Labs



LAB N° 0069 L

N° 23-FC01316

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
Benzidine third attack 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
o-Toluidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
o-Toluidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
o-Toluidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,4-Dimethylaniline at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	26/07
2,4-Dimethylaniline at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	26/07
2,4-Dimethylaniline at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001		0_A		21/06	26/07
4-Chloro-o-Toluidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Chloro-o-Toluidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
4-Chloro-o-Toluidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,4-Toluenediamine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,4-Toluenediamine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
2,4-Toluenediamine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* o-aminoazotoluene,4-amino-2',3-dimethylazobenzen. at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* o-aminoazotoluene,4-amino-2',3-dimethylazobenzen. at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* o-aminoazotoluene,4-amino-2',3-dimethylazobenzen. at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 5-nitro-o-toluidine at first attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 5-nitro-o-toluidine at second attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07
* 5-nitro-o-toluidine at third attack UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011		< 0.001		mg/kg	0.001	0.002	0_A		21/06	26/07

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pH Labs



LAB N° 0069 L

N° 23-FC01316

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
	SUM OF PRIMARY AROMATIC AMINES IN ACETIC ACID 3% AT FIRST ATTACK <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.01		mg/kg	0.01	0.01	0_A		21/06	26/07
	SUM OF PRIMARY AROMATIC AMINES IN ACETIC ACID 3% AT SECOND ATTACK <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.01		mg/kg	0.01	0.01	0_A		21/06	26/07
	SUM OF PRIMARY AROMATIC AMINES IN ACETIC ACID 3% AT THIRD ATTACK <i>UNI EN 13130-1:2005 + JRC-IHCP EU RL-FCM Aromatic amines Protocol A Ed.1 2011</i>	< 0.01		mg/kg	0.01	0.01	0_A		21/06	26/07

Legend:  
 unc = uncertainty; u.m. = unit of measurement; LOQ (limit of quantification); o.u. (operative unit); 0\_A (test performed at o.u. Barberino Tavarnelle - FI, Sangallo street); 0\_B (test performed at o.u. Barberino Tavarnelle - FI, Bramante street); II (mobile lab.); III (external analysis); LE.# (Subcontracted Test performed by a different lab.);  
 (\* not accredited test by ACCREDIA)  
 (§) The laboratory declines all responsibility for sampling.  
 (C) Information provided by the Client/Third Party. The laboratory accepts no responsibility for results obtained from calculations using data provided by the Client/Third Party.

**Limits referred to Reg. UE 10/2011 + Reg. UE 1245/2020**

NOTE

Ratio S/V = 9.5 dm<sup>2</sup>/l

- For Chemical test, expanded uncertainty is referred to 95% confidence level. Coverage factor k=2.
- The limit of determination (LOD) results as 3/10LOQ if not indicated otherwise.
- The Laboratory uses the point as decimal separator.
- Where a declaration of conformity to a specification or standard is required, unless the decision rule is already contained in the specification or standard itself, the laboratory shall adopt as its decision rule the direct comparison with the limit without taking into account the uncertainty.

**NOTES AND GENERAL EVALUATIONS:** (not subject to accreditation Accredia)

Limited to the parameters analyzed, the sample complies with Reg. EU 10/2011 and its amendments and with DM 21/03/1973 and its amendments

- The results refer to the sample as received.
- The reported results only refer to the tested sample. Sample conditions at the arrival are recorded in the laboratory managing system.
- Food and not perishable samples are store for 30 day from the arrival date. Water, compost and perishable samples are stored until the emission of the Test Report.
- pH is registered under number 013 on the regional list of approved laboratories for analysis in the context of self-control procedures in the food industry (LR Tuscany No. 9 09/03/2006).

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LAB N° 0069 L

N° 23-FC01316

Date, 17/08/2023

Number of documents  
attached to this Test Report: 1



as per Technical Manager  
dott. Patrizio Nuti

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photo n. 1