



BRACHI TESTING SERVICES

BRACHI TESTING SERVICES
srl unipersonale

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E-mail: laboratorio@brachi.it

Cod.Fis./P.IVA 02315520979

www.brachi.it

RAPPORTO DI PROVA N°: 0002555/20
Test Report N°:

DITTA PRESENTATRICE: FINISSAGGIO TRT SRL , VIA ETTORE STROBINO
Company: 38/48- 59100 - PRATO

CAMPIONE: Liquid named STYLE :
Sample: A) ACQUE DI INGRESSO (16/12/2019)
B) ACQUE DI USCITA

CAMPIONAMENTO: Made by the customer
Sampling:

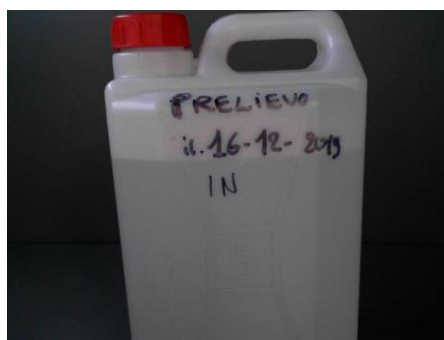
DATA RICEVIMENTO: January 31, 2020
Date of Receipt:

DATA ESECUZIONE PROVE From the date of receipt to the date of issue
Test execution date:

OGGETTO: Various Analysis
Subject:

RISULTATI DI LABORATORIO

TEST RESULTS



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IL DIRETTORE
P.I. Primo Brachi

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*DETERMINATION OF HEAVY METALS TOTAL CONTENT

Process:

Test method: based on ISO 11885 and EPA 200
Internal Method Microwave acid digestion followed by ICP-MS
determination

Results:

Heavy metal Sample		Results (µg/l) A	Results (µg/l) B	Detection limit (µg/l)
Cd	Cadmium	N.D.	N.D.	0,1
Pb	Lead	N.D.	N.D.	0,01
Hg	Mercury	N.D.	N.D.	0,01

Note: N.D.= not detectable

*DETERMINATION OF ORTHO-PHTHALATES

Process:

Test Method: : based on ISO 18856: 2004

Method

Dichlorometane extraction, analysis with GC/MS

Results:

Substances	CAS	Detection limit (µg/l)	Results A (µg/l)	Results B (µg/l)
Dibutyl phthalate/ (DBP)	84-74-2	0,1	N.D.	N.D.
Di(2 ethylhexyl) phthalate/ (DEHP)	117-81-7	0,1	N.D.	N.D.
Benzyl butyl phthalate/ (BBP)	85-68-7	0,1	N.D.	N.D.
Di-isononyl phthalate/ (DINP)	28553-12-0	0,1	N.D.	N.D.
Di-n-octyl phthalate/ (DnOP)	117-84-0	0,1	N.D.	N.D.
Di-isodecyl phthalate/(DIDP)	26761-40-0	0,1	N.D.	N.D.
Di-isobutyl phthalate/ (DIBP)	84-69-5	0,1	N.D.	N.D.
Di-n-hexyl phthalate/ (DnHP)	84-75-3	0,1	N.D.	N.D.
Di-(2-methoxyethyl)-phthalate/(DMEP)	117-82-8	0,1	N.D.	N.D.
Di-C7-11-branched alkylphthalates/ (DHNUP)	68515-42-4	0,1	N.D.	N.D.
Di-C6-8-branched alkylphthalates/ (DIHP)	71888-89-6	0,1	N.D.	N.D.

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Dipentyl phthalate (DPP)	131-18-0	0,1	N.D.	N.D.
Diisopentyl phthalate (DIPP)	605-50-5	0,1	N.D.	N.D.
N-pentyl-isopentylphthalate (NPIPP)	776297-69-9	0,1	N.D.	N.D.

Note: N.D.= not detectable

* DETERMINATION OF FLAME RETARDANTS

Process:

Test Method: based on US EPA 8270:2014 and ISO 22032

Results

Substances	CAS	Detection limit (µg/l)	Results (µg/l) Sample A	Results (µg/l) Sample B
Polybrominated diphenyl ethers (PBDEs) various		0,01	N.D.	N.D.
Monobromo diphenyl ethers (MonoBDE)		0,01	N.D.	N.D.
Dibromo diphenyl ethers (DiBDE)		0,01	N.D.	N.D.
Tribromo diphenyl ethers (TriBDFE)		0,01	N.D.	N.D.
Tetrabromo diphenyl ethers (TetraBDE)	40088-47-9	0,01	N.D.	N.D.
Pentabromo diphenyl ethers (PentaBDE)	32534-81-9	0,01	N.D.	N.D.
Hexabromo diphenyl ethers (HexaBDE)	36483-60-0	0,01	N.D.	N.D.
Heptabromo diphenyl ethers (HeptaBDE)	68928-80-3	0,01	N.D.	N.D.
Octabromo diphenyl ethers (OctaBDE)	32536-52-0	0,01	N.D.	N.D.
Nonabromo diphenyl ethers (NonaBDE)	63936-56-1	0,01	N.D.	N.D.
Decabromo diphenyl ethers (DecaBDE)	1163-19-5	0,01	N.D.	N.D.
Tris(2,3,-dibromopropyl)- phosphate (TRIS)	126-72-7	0,01	N.D.	N.D.
Tris(2-chloroethyl)phosphate (TCEP)	115-96-8	0,01	N.D.	N.D.
Hexabromocyclodecane (HBCDD)	134237-50-6, 134237-51-7	0,01	N.D.	N.D.
Tetrabromobisphenol A (TBBPA)	79-94-7	0,01	N.D.	N.D.

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Bis(2,3-dibromopropyl)phosphate	5412-25-9	0,01	N.D.	N.D.
Tris(1,3-dichloro-isopropyl) phosphate (TDCPP)	13674-87-8	0,01	N.D.	N.D.
Tris(1-chloro-propyl) phosphate (TCPP)	13674-84-5	0,01	N.D.	N.D.

Note: N.D.= not detectable

ORGANOTIN COMPOUNDS DETERMINATION

Process.:

Method based on UNI EN ISO 17353: 2004

Process: derivatization with sodium tetraethylborate and gascromatographic determination with mass detector (GC-MSD).

Results :

Sample A

Organotin Compounds	CAS	Detection limit (µg/l)	Results (µg/l)
MBT (Monobutyl tin)	78763-54-9	0.01	N.D.
DBT (Dibutyl tin)	1002-53-5	0.01	N.D.
TBT (Tributyl tin)	36643-28-4	0.01	N.D.
DOT (Diocetyl tin)	94410-05-6	0.01	N.D.
MOT (Monoocetyl tin)	15231-44-4	0.01	N.D.
DPhT (Diphenyl tin)	1011-95-6, 6381-06-2	0.01	N.D.
TeBT (Tetrabutyl tin)	1461-25-2	0.01	N.D.
Tricyclohexyltin (TCHT)	1461-25-2	0.01	N.D.
Tripropyltin (TPT)	NA	0.01	N.D.
Tetraethyltin (TeET)	597-64-8	0.01	N.D.
Tributhyltin oxide (TBTO)	56-35-9	0.01	N.D.
Dibuthyltin dichloride (DBTC)	683-18-1	0.01	N.D.
Triphenyltin (TPhT)	668-34-8	0.01	N.D.
Dibutyltinhydrogen borate (DBB)	75113-37-0	0.01	N.D.

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Organotin Compounds Sample B	CAS	Detection limit (µg/l)	Results (µg/l)
MBT (Monobutyl tin)	78763-54-9	0.01	N.D.
DBT (Dibutyl tin)	1002-53-5	0.01	N.D.
TBT (Tributyl tin)	36643-28-4	0.01	N.D.
DOT (Dioctyl tin)	94410-05-6	0.01	N.D.
MOT (Monoctyl tin)	15231-44-4	0.01	N.D.
DPhT (Diphenyl tin)	1011-95-6, 6381-06-2	0.01	N.D.
TeBT (Tetrabutyl tin)	1461-25-2	0.01	N.D.
Tricyclohexyltin (TCHT)	1461-25-2	0.01	N.D.
Tripropyltin (TPT)	NA	0.01	N.D.
Tetraethyltin (TeET)	597-64-8	0.01	N.D.
Tributhyltin oxide (TBTO)	56-35-9	0.01	N.D.
Dibuthyltin dichloride (DBTC)	683-18-1	0.01	N.D.
Triphenyltin (TPhT)	668-34-8	0.01	N.D.
Dibutyltinhydrogen borate (DBB)	75113-37-0	0.01	N.D.

Legenda: N.D.= not detectable

*PERFLUORINATED AND POLYFLOURINATED CHEMICALS (PFCs)

Process:

Test Method : reference method based on DIN 38407-42:2011
2 hours extraction with methanol in ultrasonic bath
followed by filtration and LC-MS-MS analysis

Results:

SUBSTANCE	CAS N	Detection Limit (µg/l)	RESULT (µg/l) A	RESULT (µg/l) B
Perfluorobutanoic acid (PFBA)	375-22-4	0,01	N.D.	N.D.
Perfluoropentanoic acid (PFPeA)	2706-90-3	0,01	N.D.	N.D.
Perfluoro-n-hexanoic acid (PFHxA)	307-24-4	0,01	N.D.	N.D.
Perfluoroheptanoic acid (PFHpA)	375-85-9	0,01	N.D.	N.D.
Perfluorooctanoic acid (PFOA)	335-67-1	0,01	N.D.	N.D.

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<i>perfluorononanoic acid (PFNA)</i>	375-95-1	0,01	N.D.	N.D.
<i>perfluorodecanoic acid (PFDA)</i>	335-76-2	0,01	N.D.	N.D.
<i>Perfluoroundecanoic acid (PFUnA)</i>	2058-94-8	0,01	N.D.	N.D.
<i>Perfluorododecanoic acid (PFDoA)</i>	307-55-1	0,01	N.D.	N.D.
<i>perfluorotridecanoic acid (PFTrA)</i>	72629-94-8	0,01	N.D.	N.D.
<i>Perfluorotetradecanoic acid (PFTeA)</i>	376-06-7	0,01	N.D.	N.D.
<i>Perfluorobutane (PFBS)</i>	375-73-5	0,01	N.D.	N.D.
<i>Perfluorohexane sulphonates (PFHxS)</i>	355-46-4	0,01	N.D.	N.D.
<i>Perfluoro-1-heptanesulfonic acid (PFHpS)</i>	375-92-8	0,01	N.D.	N.D.
<i>Perfluorooctane sulfonate (PFOS)</i>	1763-23-1	0,01	N.D.	N.D.
<i>PFDS</i>	335-77-3	0,01	N.D.	N.D.
<i>1H,1H,2H,2H-Perfluoro-1-Hexanol (4:2 FTOH)</i>	2043-47-2	0,1	N.D.	N.D.
<i>1H,1H,2H,2H-Perfluoro-1-Oktanol (6:2 FTOH)</i>	647-42-7	0,1	N.D.	N.D.
<i>1H,1H,2H,2H-Perfluoro-1-Decanol (8:2 FTOH)</i>	678-39-7	0,1	N.D.	N.D.
<i>1H,1H,2H,2H-Perfluoro-1-Dodecanol (10:2 FTOH)</i>	865-86-1	0,1	N.D.	N.D.
<i>1H,1H,2H,2H- Perfluorooctylacrylate (6:2 FTA)</i>	17527-29-6	0,01	N.D.	N.D.
<i>1H,1H,2H,2H- Perfluorodecylacrylate (8:2 FTA)</i>	27905-45-9	0,01	N.D.	N.D.
<i>1H,1H,2H,2H- Perfluorododecylacrylate (10:2 FTA)</i>	17741-60-5	0,01	N.D.	N.D.
<i>perfluorooctane sulfonamide (PFOSA)</i>	754-91-6	0,01	N.D.	N.D.
<i>N-methylperfluoro-1-octanesulfonamide (MeFOSA)</i>	31506-32-8	0,01	N.D.	N.D.
<i>N-ethylperfluoro-1-octanesulfonamide (EtFOSA)</i>	4151-50-2	0,01	N.D.	N.D.
<i>N-Me –FOSE alcohol</i>	24448-09-7	0,01	N.D.	N.D.
<i>2-(N-ethylperfluoro-1-octanesulfonamido)-ethanol (EtFOSE)</i>	1691-99-2	0,01	N.D.	N.D.
<i>Perfluoro-3,7-dimethylotanoic Acid (PF-3,7-DMOA)</i>	172155-07-6	0,01	N.D.	N.D.
<i>(HPFHpA)</i>	1546-95-8	0,01	N.D.	N.D.
<i>4HPFuNA</i>	34598-33-9	0,01	N.D.	N.D.
<i>1H,1H,2H,2H- PFOS</i>	27619-97-2	0,01	N.D.	N.D.

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*CHLOROBENZENES AND CHLOROTOLUENES DETERMINATION

Method: based on USEPA 8260B:1996

Extraction with dichloromethane, and gaschromatographic analysis with mass detector (GC-MSD)

Results:

Compounds	CAS	Detection Limit (µg/l)	Results (µg/l) Sample A	Results (µg/l) Sample B
1,2-Dichlorobenzene	95-50-1	0,01	N.D.	N.D.
1,3-Dichlorobenzene	541-73-1	0,01	N.D.	N.D.
1,4-Dichlorobenzene	106-46-7	0,01	N.D.	N.D.
1,2,3-Trichlorobenzene	87-61-6	0,01	N.D.	N.D.
1,2,4-Trichlorobenzene	120-82-1	0,01	N.D.	N.D.
1,3,5-Trichlorobenzene	108-70-3	0,01	N.D.	N.D.
Tetrachlorobenzene	12408-10-5	0,01	N.D.	N.D.
1,2,3,4-Tetrachlorobenzene	634-66-2	0,01	N.D.	N.D.
1,2,3,5-Tetrachlorobenzene	634-90-2	0,01	N.D.	N.D.
1,2,4,5-Tetrachlorobenzene	95-94-3	0,01	N.D.	N.D.
Pentachlorobenzene	608-93-5	0,01	N.D.	N.D.
Hexachlorobenzene	118-74-1	0,01	N.D.	N.D.
Chlorobenzene	108-90-7	0,01	N.D.	N.D.

Legenda: N.D.= not detectable

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* DETERMINATION OF CHLORINATED SOLVENTS

Method: based on USEPA 8260B:1996

Extraction with dichloromethane, purification and gaschromatographic analysis with mass detector (GC-MSD)

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Compounds	CAS	Detection Limit (µg/l)	Results (µg/l) Sample A	Results (µg/l) Sample B
Dichlorometane	75-09-2	0,01	N.D.	N.D.
Chloroform	67-66-3	0,01	N.D.	N.D.
Tetrachloromethane	56-23-5	0,01	N.D.	N.D.
1,1,2 trichloroethane	79-00-5	0,01	N.D.	N.D.
1,1- Dichloroethane	75-34-3	0,01	N.D.	N.D.
1,2- Dichloroethane	107-06-2	0,01	N.D.	N.D.
Trichloroethylene	79-01-6	0,01	N.D.	N.D.
Perchloroethylene Trichlorobenzene	127-18-4	0,01	N.D.	N.D.
1,1,1-trichloroethane	71-55-6	0,01	N.D.	N.D.
Tetrachlorobenzene	630-20-6	0,01	N.D.	N.D.
1,1,1,2-tetrachloroethane	79-34-5	0,01	N.D.	N.D.
Tetrachlorobenzene	79-34-5	0,01	N.D.	N.D.
1,1,2,2- tetrachloroethane	79-34-5	0,01	N.D.	N.D.
Tetrachlorobenzene	76-01-7	0,01	N.D.	N.D.
pentachloroethane	76-01-7	0,01	N.D.	N.D.
1,1-Dichloroethylene	75-35-4	0,01	N.D.	N.D.
1,2,3-trichloropropane	96-18-7	0,01	N.D.	N.D.

Legenda: N.D.= not detectable

* CHLOROPHENOLS DETERMINATION

Process:

Test Method : based on US EPA 8270D:2014

Procedure : Extraction in alkaline solution, acetylation, extraction with solvent and Gaschromatografic analysis.

Results:

Substances –	CAS	Detection limit (µg/l)	Results (µg/l) Sample A	Results (µg/l) Sample B
Pentachlorophenol	87-86-5	0,1	N.D.	N.D.
2,3,4,5-Tetrachlorophenol	4901-51-3	0,1	N.D.	N.D.
2,3,4,6-Tetrachlorophenol	58-90-2	0,1	N.D.	N.D.
2,3,5,6-Tetrachlorophenol	935-95-5	0,1	N.D.	N.D.
2,4,6-Trichlorophenol	88-06-02	0,1	N.D.	N.D.
2,3,4-Trichlorophenol	15950-66-0	0,1	N.D.	N.D.
2,3,5-Trichlorophenol	933-78-8	0,1	N.D.	N.D.

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2,3,6-Trichlorophenol	933-75-5	0,1	N.D.	N.D.
3,4,5-Trichlorophenol	609-19-8	0,1	N.D.	N.D.
2,3-Dichlorophenol	576-24-9	0,1	N.D.	N.D.
2,4-Dichlorophenol	120-83-2	0,1	N.D.	N.D.
2,5-Dichlorophenol	583-78-8	0,1	N.D.	N.D.
3,4-Dichlorophenol	95-77-2	0,1	N.D.	N.D.
3,5-Dichlorophenol	591-35-5	0,1	N.D.	N.D.
Tetrachlorophenol (TeCP)	25167-83-3	0,1	N.D.	N.D.
Trichlorophenol (TriCP)	25167-82-2	0,1	N.D.	N.D.
2,4,5, Trichlorophenol	95-95-4	0,1	N.D.	N.D.
Dichlorophenols (DiCP)	25167-81-1	0,1	N.D.	N.D.

Legenda : N.D.= not detectable

*DETERMINATION OF ALKYL PHENOL ETHOXYLATES (APEOs) AND ALKYLPHENOLS (APs)

Process :

Method based on ISO 18254-1 and ISO 18857-2:2009

Results:

APEOs	CAS	Results µg/l Sample A	Results µg/l Sample B
Nonylphenol ethoxylates NPEO (1-2)various		N.D.	N.D.
Nonylphenol ethoxylates NPEO (3-18)various		N.D.	N.D.
Nonylphenol ethoxylates	9016-45-9, 68412-54-4, 37205-87-1 127087-87-0	N.D.	N.D.
4 - Nonylphenol, ethoxylated	26027-38-3	N.D.	N.D.
Nonylphenol ethoxylates NPEO (1-2)various		N.D.	N.D.
Nonylphenol ethoxylates NPEO (3-18)various		N.D.	N.D.
4-tert-octylphenoethoxylates	9036-19-5, 68987-90-6	N.D.	N.D.

Legenda: N.D.= not detectable

Reporting Limit: 0,01 µg/l

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APs	CAS	Results µg/l Sample A	Results µg/l Sample B
4-(1,1,3,3-Tetramethylbutyl)- phenol	140-66-9	N.D.	N.D.
Octylphenol	27193-28-8	N.D.	N.D.
4- Octylphenol	1806-26-4	N.D.	N.D.
4-Nonylphenol (branched)	25154-52-3	N.D.	N.D.
Nonylphenol	104-40-5	N.D.	N.D.
Nonylphenol (mixed isomers)	90481-04-2	N.D.	N.D.
Legenda: N.D.= not detectable Reporting Limit: 0,01 µg/l			

TEXTILES: METHODS FOR DETERMINATION OF CERTAIN AROMATIC AMINES DERIVED FROM AZO COLORANTS. PART 1: DETECTION OF THE USE OF CERTAIN AZO COLORANTS ACCESSIBLE WITH OR WITHOUT EXTRACTING THE FIBRES

Test method: ISO 14362-1: 2017 - ISO 14362-3:2012

Procedure:

Reductive cleavage of the azo group with sodium dithionite in a citrate buffered aqueous solution (pH 6,0; 70°C), spe purification, liquid-liquid extraction in Tertbutylmethylether phase. Gaschromatographic quantitative determination with mass detector GC/MSD.

NOTE:

A) The use of certain azo colorants (Table 1) cannot be reliably ascertained without additional information, e.g. the chemical structure of the colorants used.

B) The product from which the sample was taken may have been coloured with colorants whose structures contain the amines but not azo bound.

C) The product from which the sample was taken may have been coloured with an azo colorant whose structure does not contain preformed 4-methoxy-m-phenylenediamine but 2-amino-4-nitroanisole. In the course of the analytical procedure the azo colorant will release 2-amino-4-nitroanisole which in turn will form 4-methoxy-m-phenylenediamine.

D) Care should be taken that detected aromatic amines originate from azo colorants and not for other materials such as polyurethane.

RESULTS

AROMATIC AMINES	CAS	NOTE	DETECTION LIMIT (ppm)	RESULTS (ppm) SAMPLE A
4 - Aminobiphenyl	92-67-1	A,B	0,01	N.D.
Benzidine	92-87-5	-	0,01	N.D.
4 - Chloro - o - Toluidine	95-69-2	-	0,01	N.D.
2 - Naphthylamine	91-59-8	A,B	0,01	N.D.
o - Aminoazotoluene (a)	97-56-3	-	0,01	N.D.
5 - Nitro-o-toluidine (a)	99-55-8	A,C	0,01	N.D.
p - Chloroaniline	106-47-8	-	0,01	N.D.
2,4 - Diaminoanisole	615-05-4	-	0,01	N.D.

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4,4' - Diaminodiphenylmethane	101-77-9	-	0,01	N.D.
3,3' - Dichlorobenzidine	91-94-1	-	0,01	N.D.
3,3' - Dimethoxybenzidine	119-90-4	-	0,01	N.D.
3,3' - Dimethylbenzidine	119-93-7	-	0,01	N.D.
3,3' - Dimethyl-4,4' - Diaminodiphenylmethane	838-88-0	-	0,01	N.D.
p-Cresidine	120-71-8	-	0,01	N.D.
4,4' - Methylene-bis-(2-chloroaniline)	101-14-4	-	0,01	N.D.
4,4' - Oxydianiline	101-80-4	-	0,01	N.D.
4,4' - Thiodianiline	139-65-1	C	0,01	N.D.
o - Toluidine	95-53-4	-	0,01	N.D.
2,4 - Toluenediamine	95-80-7	B,D	0,01	N.D.
2,4,5 - Trimethylaniline	137-17-7	-	0,01	N.D.
o - Anisidine	90-04-0	-	0,01	N.D.
4 - Aminoazobenzene (b)	60-09-3	-	0,01	N.D.
2,4- Xylidine	95-68-1	-	0,01	N.D.
2,6 -Xylidine	87-62-7	-	0,01	N.D.
AROMATIC AMINES	CAS	NOTE	DETECTION LIMIT (ppm)	RESULTS (ppm) SAMPLE B
4 - Aminobiphenyl	92-67-1	A,B	0,01	N.D.
Benzidine	92-87-5	-	0,01	N.D.
4 - Chloro - o - Toluidine	95-69-2	-	0,01	N.D.
2 - Naphthylamine	91-59-8	A,B	0,01	N.D.
o - Aminoazotoluene (a)	97-56-3	-	0,01	N.D.
5 - Nitro-o-toluidine (a)	99-55-8	A,C	0,01	N.D.
p - Chloroaniline	106-47-8	-	0,01	N.D.
2,4 - Diaminoanisole	615-05-4	-	0,01	N.D.
4,4' - Diaminodiphenylmethane	101-77-9	-	0,01	N.D.

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3,3' - Dichlorobenzidine	91-94-1	-	0,01	N.D.
3,3' - Dimethoxybenzidine	119-90-4	-	0,01	N.D.
3,3' - Dimethylbenzidine	119-93-7	-	0,01	N.D.
3,3' - Dimethyl-4,4' - Diaminodiphenylmethane	838-88-0	-	0,01	N.D.
p-Cresidine	120-71-8	-	0,01	N.D.
4,4' - Methylene-bis-(2-chloroaniline)	101-14-4	-	0,01	N.D.
4,4' - Oxydianiline	101-80-4	-	0,01	N.D.
4,4' - Thiodianiline	139-65-1	C	0,01	N.D.
o - Toluidine	95-53-4	-	0,01	N.D.
2,4 - Toluenediamine	95-80-7	B,D	0,01	N.D.
2,4,5 - Trimethylaniline	137-17-7	-	0,01	N.D.
o - Anisidine	90-04-0	-	0,01	N.D.
4 - Aminoazobenzene (b)	60-09-3	-	0,01	N.D.
2,4- Xylidine	95-68-1	-	0,01	N.D.
2,6 -Xylidine	87-62-7	-	0,01	N.D.

Legend: ND= not detectable, lower than dection limit

Note: (a) the CAS number 97-56-3 and 99-55-8 are further reduced to CAS number 95-53-4 and 95-80-7.

(b) azo colorants that are able to form 4-aminoazobenzene, generate under the condition of this method aniline (CAS 62-53-3) and 1-4-phenyldiamine (CAS 106-50-3). Due to detection limits, only aniline may be detected. The presence of these colorants should be tested by EN 14362-3 (textiles).

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*Cr (VI) HEXAVALENT CHROMIUM

Process:

Test Method : according to USEPA 218.6, ISO 18412 :2006

Instruments :LC-ICP –MS

Results:

Sample A Cr (VI)	N.D.
Sample B Cr (VI)	N.D.
Legenda: N.D.= not detectable Reporting Limit: 1 µg/l	

* DETERMINATION OF SHORT CHAIN CHLORINATED PARAFFINS (C10-C13)

Process:

Test Method

: Based on ISO18219: 2015

Extraction with hexane for 2 hrs at 50°C SPE purification and GC-MSMS determination

Detection limit:

0,01 mg/kg

Result:

SUBSTANCE	CAS N.	RESULT
Sample A Chlorinated paraffins (Short-chain: C10 C13)	85535-84-8	µg/l N.D.
Sample B Chlorinated paraffins (Short-chain: C10 C13)	85535-84-8	µg/l N.D.

Legend: N.D.: Not detectable

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Prato, February 18 2020

P.I. Primo Brachi
Direttore



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