

CENTROCOT
Innovation experience

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LAB N° 0033 L

Test Report

21TA00017/01

of **23/04/2021**

Messrs
E. MIROGLIO EAD
Industrial District - P.O. Box 360
8800 SLIVEN - BG

Test Report to verify compliance with ZDHC parameters

Receiving date 12/03/2021 **Receipt date** 12/03/2021 **Date and Time of sampling** 11/03/2021 00.00
Description Outgoing wastewater
Identification Waste water
Customer E. MIROGLIO EAD
Sampling collected by certificated bulgarian lab
Sampling location E. Miroglia EAD - Plant Yambol, Bulgaria
Sampling procedure PG 22 rev.0
Test began on 13/03/2021 **Test ended on** 22/04/2021

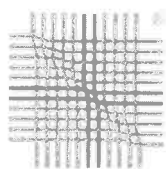
Limit values

ZDHC - Wastewater Guidelines 2019, Table 1

ZDHC - Wastewater Guidelines 2019, Table 2

Tests

- 80233 Water and industrial wastewater. Conventional parameters ZDHC in accordance with Appendix A, Tables 1A and 1B Wastewater Guidelines Version 1.1 - 2019
- 80234 Water and industrial wastewater. MRSL parameters ZDHC in accordance with Appendix A, Tables 2A-2N Wastewater Guidelines Version 1.1 - 2019

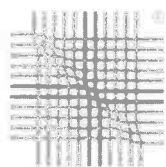


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Result		Concentration	Uncertainty	UM	Limits			
					Min	Max	Min	Max
Temperature	*	18		°C		35		30
<i>APAT CNR IRSA 2100 Man.29 2003</i>								
Total Suspended Solids		5.7		mg/l		50		15
<i>UNI EN 872:2005</i>								
Chemical oxygen demand	*	90	20	mg/l		150		80
<i>ISO 15705:2002</i>								
Total nitrogen	*	8.1		mg/l		20		10
<i>APAT CNR IRSA 4060 Man.29 2003</i>								
pH		8.2	0.4	Unità pH	6	9	6	9
<i>UNI EN ISO 10523:2012</i>								
Color - 436 nm	*	2.0		m-1		7		5
<i>ISO 7887:2001 Method B</i>								
Color - 525 nm	*	1.1		m-1		5		3
<i>ISO 7887:2001 Method B</i>								
Color - 620 nm	*	0.2		m-1		3		2
<i>ISO 7887:2001 Method B</i>								
Biochemical oxygen demand (BOD5)	*	30		mg/l		30		15
<i>APHA Standard Methods for the examination of water and wastewater, ed 23rd 2017 5210D</i>								
Ammonium-N		0.109	0.011	mg/l		10		1
<i>APAT CNR IRSA 4030A1 Man.29 2003</i>								
Total phosphorus		1.1	0.1	mg/l		3		0.5
<i>APAT CNR IRSA 4110 A2 Man.29 2003</i>								
AOX	*	0.186		mg/l		5		1
<i>UNI EN ISO 9562:2004</i>								
Oil and Grease	*	0.2		mg/l		10		2
<i>ASTM D7678 - 17</i>								
Phenol	*	< 0.001		mg/l		0.5		0.01
<i>APAT CNR IRSA 5070B Man.29 2003</i>								
Coliform	*	225		UFC/100ml		400		
<i>APAT CNR IRSA 7010/C Man.29 2003</i>								
Cyanide	*	< 0.040		mg/l		0.2		0.1
<i>EPA 9014 2014</i>								
Sulfide		< 0.1		mg/l		0.5		0.05
<i>APHA Standard Methods for Water ed 22nd 2012 4500 D</i>								
Sulfite		< 0.05		mg/l		2		0.5
<i>UNI EN ISO 10304-3:2000</i>								
Antimony	*	< 0.0025		mg/l		0.1		0.05
<i>UNI EN ISO 15587-2:2002 + UNI EN ISO 17294-2:2016</i>								
Chromium	*	0.0379	0.0077	mg/l		0.2		0.1
<i>UNI EN ISO 15587-2:2002 + UNI EN ISO 17294-2:2016</i>								
Cobalt		< 0.0025		mg/l		0.05		0.02
<i>UNI EN ISO 15587-2:2002 + UNI EN ISO 17294-2:2016</i>								
Copper	*	< 0.0025		mg/l		1		0.5
<i>UNI EN ISO 15587-2:2002 + UNI EN ISO 17294-2:2016</i>								
Nikel	*	< 0.0025		mg/l		0.2		0.1
<i>UNI EN ISO 15587-2:2002 + UNI EN ISO 17294-2:2016</i>								
Silver	*	< 0.0025		mg/l		0.1		0.05
<i>UNI EN ISO 15587-2:2002 + UNI EN ISO 17294-2:2016</i>								
Zinc		< 0.0025		mg/l		5		1
<i>UNI EN ISO 15587-2:2002 + UNI EN ISO 17294-2:2016</i>								

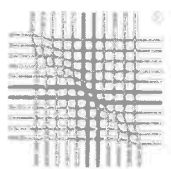


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Result		Concentration	Uncertainty	UM	Limits			
					Min	Max	Min	Max
Arsenic	*	< 0.0025		mg/l	0.05		0.01	
<i>UNI EN ISO 15587-2:2002 + UNI EN ISO 17294-2:2016</i>								
Cadmium	*	< 0.0025		mg/l	0.1		0.05	
<i>UNI EN ISO 15587-2:2002 + UNI EN ISO 17294-2:2016</i>								
Chromium VI		< 0.001		mg/l	0.05		0.005	
<i>APAT CNR IRSA 3150C Man.29 2003</i>								
Lead	*	< 0.0025		mg/l	0.1		0.05	
<i>UNI EN ISO 15587-2:2002 + UNI EN ISO 17294-2:2016</i>								
Mercury	*	< 0.001		mg/l	0.01		0.005	
<i>UNI EN ISO 15587-2:2002 + UNI EN ISO 17294-2:2016</i>								
Alkylphenol	*	-						
<i>UNI EN ISO 18857-1:2006</i>								
4-Nonylphenol	*	< 1.0		µg/l	5			
<i>UNI EN ISO 18857-1:2006</i>								
4-Nonylphenol (branched)	*	< 1.0		µg/l	5			
<i>UNI EN ISO 18857-1:2006</i>								
4-Octylphenol	*	< 1.0		µg/l	5			
<i>UNI EN ISO 18857-1:2006</i>								
Nonylphenol NP	*	< 1.0		µg/l	5			
<i>UNI EN ISO 18857-1:2006</i>								
Octylphenol	*	< 1.0		µg/l	5			
<i>UNI EN ISO 18857-1:2006</i>								
Alkylphenol Ethoxylates	*	-						
<i>ISO 18857-2:2009 + MIP 130:2011 Rev. 0</i>								
NPEO (1-20)	*	< 1.0		µg/l	5			
<i>ISO 18857-2:2009 + MIP 130:2011 Rev. 0</i>								
OPEO (1-20)	*	< 1.0		µg/l	5			
<i>ISO 18857-2:2009 + MIP 130:2011 Rev. 0</i>								
Chlorobenzenes and ChloroToluenes	*	-						
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
2,3,4-Trichlorotoluene	*	< 0.02		µg/l	0.2			
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
2,3,6-Trichlorotoluene	*	< 0.02		µg/l	0.2			
<i>EPA 3550C 2007 + EPA 8270E 2018</i>								
2,3-Dichlorotoluene	*	< 0.02		µg/l	0.2			
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
2,4,5-Trichlorotoluene	*	< 0.02		µg/l	0.2			
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
2,4,6-Trichlorotoluene	*	< 0.02		µg/l	0.2			
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
2,4-Dichlorotoluene	*	< 0.02		µg/l	0.2			
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
2,5-Dichlorotoluene	*	< 0.02		µg/l	0.2			
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
2,6-Dichlorotoluene	*	< 0.02		µg/l	0.2			
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
2,3,4,5-Tetrachlorotoluene	*	< 0.02		µg/l	0.2			
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
2,3,4,6-Tetrachlorotoluene	*	< 0.02		µg/l	0.2			
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								

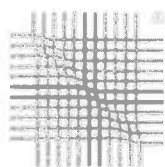


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Result		Concentration	Uncertainty	UM	Limits			
					Min	Max	Min	Max
2,3,5,6-Tetrachlorotoluene	*	< 0.02		µg/l		0.2		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
2-Chlorotoluene	*	< 0.02		µg/l		0.2		
<i>EPA 3550C 2007 + EPA 8270E 2018</i>								
3,4,5-Trichlorotoluene	*	< 0.02		µg/l		0.2		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
3,4-Dichlorotoluene	*	< 0.02		µg/l		0.2		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
3,5-Dichlorotoluene	*	< 0.02		µg/l		0.2		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
3-Chlorotoluene	*	< 0.02		µg/l		0.2		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
4-Chlorotoluene	*	< 0.02		µg/l		0.2		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Pentachlorotoluene	*	< 0.02		µg/l		0.2		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
1,2-dichlorobenzene	*	< 0.02		µg/l		0.2		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
1,3-dichlorobenzene	*	< 0.02		µg/l		0.2		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
1,4-dichlorobenzene	*	< 0.02		µg/l		0.2		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
1,2,3-trichlorobenzene	*	< 0.02		µg/l		0.2		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
1,2,4-trichlorobenzene	*	< 0.02		µg/l		0.2		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
1,3,5-trichlorobenzene	*	< 0.02		µg/l		0.2		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
1,2,3,4-tetrachlorobenzene	*	< 0.02		µg/l		0.2		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
1,2,3,5-tetrachlorobenzene	*	< 0.02		µg/l		0.2		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
1,2,4,5-tetrachlorobenzene	*	< 0.02		µg/l		0.2		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Pentachlorobenzenes	*	< 0.02		µg/l		0.2		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Hexachlorobenzene	*	< 0.02		µg/l		0.2		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Chlorobenzene	*	< 0.02		µg/l		0.2		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Chlorophenols	*	-				0.5		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
2-chlorophenol	*	< 0.5		µg/l		0.5		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
3-chlorophenol	*	< 0.5		µg/l		0.5		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
4-chlorophenol	*	< 0.5		µg/l		0.5		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
2,3-dichlorophenol	*	< 0.5		µg/l		0.5		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								

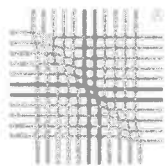


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Result		Concentration	Uncertainty	UM	Limits			
					Min	Max	Min	Max
2,4-dichlorophenol	*	< 0.5		µg/l		0.5		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
2,5-dichlorophenol	*	< 0.5		µg/l		0.5		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
2,6-dichlorophenol	*	< 0.5		µg/l		0.5		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
3,4-dichlorophenol	*	< 0.5		µg/l		0.5		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
3,5-dichlorophenol	*	< 0.5		µg/l		0.5		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
2,3,4-trichlorophenol	*	< 0.5		µg/l		0.5		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
2,3,5-trichlorophenol	*	< 0.5		µg/l		0.5		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
2,3,6-trichlorophenol	*	< 0.5		µg/l		0.5		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
2,4,5-trichlorophenol	*	< 0.5		µg/l		0.5		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
2,4,6-trichlorophenol	*	< 0.5		µg/l		0.5		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
3,4,5-trichlorophenol	*	< 0.5		µg/l		0.5		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
2,3,4,5-tetrachlorophenol	*	< 0.5		µg/l		0.5		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
2,3,4,6-tetrachlorophenol	*	< 0.5		µg/l		0.5		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
2,3,5,6-tetrachlorophenol	*	< 0.5		µg/l		0.5		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Pentachlorophenol	*	< 0.5		µg/l		0.5		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Dyes - Azo (Forming restricted amines)	*	-						
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>								
4-aminobiphenyl	*	< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>								
benzidine	*	< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>								
4-chloro-o-toluidine	*	< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>								
2-naphthylamine	*	< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>								
o-aminoazotoluene	*	< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>								
2-amino-4-nitrotoluene	*	< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>								
4-chloroaniline	*	< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>								
2,4-diaminoanisole	*	< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>								
4,4'-diaminodiphenylmethane	*	< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>								

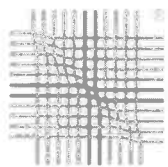


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Result			Concentration	Uncertainty	UM	Limits			
						Min	Max	Min	Max
3,3'-dichlorobenzidine	*		< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>									
o-dianisidine (3,3'-dimethoxybenzidine)	*		< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>									
o-tolidine (3,3'-dimethylbenzidine)	*		< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>									
3,3'-dimethyl-4,4'-diaminodiphenylmethane	*		< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>									
p-cresidine (2-methoxy-5-methylaniline)	*		< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>									
3,3'-dichloro-4,4'-diaminodiphenylmethane	*		< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>									
4,4'-diaminodiphenyl ether	*		< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>									
4,4'-diaminodiphenyl sulphide	*		< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>									
o-toluidine	*		< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>									
2,4-toluenediamine	*		< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>									
2,4,5-trimethylaniline	*		< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>									
o-anisidine (2-methoxyaniline)	*		< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>									
4-aminoazobenzene	*		< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>									
2,4-xylydine	*		< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>									
2,6-xylydine	*		< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>									
Aniline	*		< 0.05		µg/l				
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>									
p-phenylenediamine	*		< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>									
Dyes - Carcinogenic	*		-		µg/l				
<i>EPA 3510C 1996 + EPA 8321B 2007</i>									
Basic Green 4 (malachite green chloride)	*		< 0.1		µg/l		500		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>									
Basic Green 4 (malachite green oxalate)	*		< 0.1		µg/l		500		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>									
Basic Green 4 (malachite green)	*		< 0.1		µg/l		500		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>									
Disperse Blue 1	*		< 0.1		µg/l		500		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>									
Disperse Blue 3	*		< 0.1		µg/l		500		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>									
Disperse Orange 11	*		< 0.1		µg/l		500		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>									
Acid Red 114 (C.I. 23635)	*		< 0.1		µg/l		500		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>									

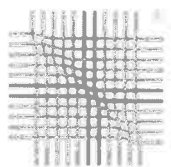


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Result		Concentration	Uncertainty	UM	Limits			
					Min	Max	Min	Max
Acid Red 26 (C.I. 16 150)	*	< 0.1		µg/l		500		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Basic Blue 26 (C.I. 44045)	*	< 0.1		µg/l		500		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Basic Red 9 (C.I. 42 500)	*	< 0.1		µg/l		500		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Basic Violet 14 (C.I. 42 510)	*	< 0.1		µg/l		500		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Basic Violet 3 (C.I. 42535)	*	< 0.1		µg/l		500		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Direct Black 38 (C.I. 30 235)	*	< 0.1		µg/l		500		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Direct Blue 6 (C.I. 22 610)	*	< 0.1		µg/l		500		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Direct Red 28 (C.I. 22 120)	*	< 0.1		µg/l		500		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Dyes - Disperse	*	-						
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Disperse Orange 1 (C.I. 11 080)	*	< 0.1		µg/l		50		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Disperse Orange 11 (C.I. 60 700)	*	< 0.1		µg/l		50		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Disperse Orange 149	*	< 0.1		µg/l		50		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Disperse Orange 3 (C.I. 11 005)	*	< 0.1		µg/l		50		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Disperse Orange 37/59/76	*	< 0.1		µg/l		50		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Disperse Blue 1 (C.I. 64 500)	*	< 0.1		µg/l		50		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Disperse Blue 102	*	< 0.1		µg/l		50		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Disperse Blue 106	*	< 0.1		µg/l		50		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Disperse Blue 124	*	< 0.1		µg/l		50		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Disperse Blue 26 (C.I. 63 305)	*	< 0.1		µg/l		50		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Disperse Blue 3 (C.I. 61 505)	*	< 0.1		µg/l		50		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Disperse Blue 35	*	< 0.1		µg/l		50		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Disperse Yellow 1 (C.I. 10 345)	*	< 0.1		µg/l		50		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Disperse Blue 7 (C.I. 62 500)	*	< 0.1		µg/l		50		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Disperse Yellow 23 (C.I. 26 070)	*	< 0.1		µg/l		50		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Disperse Yellow 3 (C.I. 11 855)	*	< 0.1		µg/l		50		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								

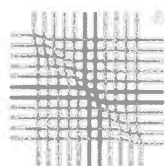


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Result		Concentration	Uncertainty	UM	Limits			
					Min	Max	Min	Max
Disperse Yellow 39	*	< 0.1		µg/l		50		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Disperse Yellow 49	*	< 0.1		µg/l		50		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Disperse Yellow 9 (C.I. 10 375)	*	< 0.1		µg/l		50		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Disperse Brown 1	*	< 0.1		µg/l		50		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Disperse Red 1 (C.I. 11 110)	*	< 0.1		µg/l		50		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Disperse Red 11 (C.I. 62 015)	*	< 0.1		µg/l		50		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Disperse Red 17 (C.I. 11 210)	*	< 0.1		µg/l		50		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Flame retardants	*	-						
<i>Metodo Interno (Rif. UNI EN 71-10:2006 Par. 8.1.1 + UNI EN 71-11:2006 Par. 5.2)</i>								
2,2-bis(bromomethyl)-1,3-propane-diol (BBMP)	*	< 0.05		µg/l		5		
<i>Metodo Interno (Rif. UNI EN 71-10:2006 Par. 8.1.1 + UNI EN 71-11:2006 Par. 5.2)</i>								
Bis(2,3-dibromopropyl)phosphate (BIS)	*	< 0.05		µg/l		5		
<i>Metodo Interno (Rif. UNI EN 71-10:2006 Par. 8.1.1 + UNI EN 71-11:2006 Par. 5.2)</i>								
Polybromobiphenyls (PBB)	*	< 0.05		µg/l		5		
<i>Metodo Interno (Rif. UNI EN 71-10:2006 Par. 8.1.1 + UNI EN 71-11:2006 Par. 5.2)</i>								
Pentabromo diphenyl ether (pentaBDE)	*	< 0.05		µg/l		5		
<i>Metodo Interno (Rif. UNI EN 71-10:2006 Par. 8.1.1 + UNI EN 71-11:2006 Par. 5.2)</i>								
Tris(1-aziridinyl)phosphine oxide (TEPA)	*	< 0.05		µg/l				
<i>Metodo Interno (Rif. UNI EN 71-10:2006 Par. 8.1.1 + UNI EN 71-11:2006 Par. 5.2)</i>								
Octabromo diphenyl ethers (OctaBDE)	*	< 0.05		µg/l		5		
<i>Metodo Interno (Rif. UNI EN 71-10:2006 Par. 8.1.1 + UNI EN 71-11:2006 Par. 5.2)</i>								
Decabromobiphenyl (DecaBB)	*	< 0.05		µg/l		5		
<i>Metodo Interno (Rif. UNI EN 71-10:2006 Par. 8.1.1 + UNI EN 71-11:2006 Par. 5.2)</i>								
Tris(2-chloroethyl) phosphate (TCEP)	*	< 0.05		µg/l		5		
<i>Metodo Interno (Rif. UNI EN 71-10:2006 Par. 8.1.1 + UNI EN 71-11:2006 Par. 5.2)</i>								
Hexabromocyclododecane (HBCDD)	*	< 0.05		µg/l		5		
<i>Metodo Interno (Rif. UNI EN 71-10:2006 Par. 8.1.1 + UNI EN 71-11:2006 Par. 5.2)</i>								
Tetrabromo-bisphenol A (TBBPA)	*	< 0.05		µg/l		5		
<i>Metodo Interno (Rif. UNI EN 71-10:2006 Par. 8.1.1 + UNI EN 71-11:2006 Par. 5.2)</i>								
TRIS	*	< 0.05		µg/l		5		
<i>Metodo Interno (Rif. UNI EN 71-10:2006 Par. 8.1.1 + UNI EN 71-11:2006 Par. 5.2)</i>								
Tris(1,3-dichloro-2-propyl) phosphate (TDCPP)	*	< 0.05		µg/l		5		
<i>Metodo Interno (Rif. UNI EN 71-10:2006 Par. 8.1.1 + UNI EN 71-11:2006 Par. 5.2)</i>								
SCCP	*	< 0.05		µg/l		5		
<i>Metodo Interno (Rif. UNI EN 71-10:2006 Par. 8.1.1 + UNI EN 71-11:2006 Par. 5.2)</i>								
Glycols	*	-		ug/l				
<i>EPA 3535A 2007 + EPA 8270E 2018</i>								
2-methoxyethanol	*	< 50		ug/l		50		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
2-ethoxyethanol	*	< 50		ug/l		50		
<i>EPA 3535A 2007 + EPA 8270E 2018</i>								
2-ethoxyethyl acetate	*	< 50		ug/l		50		
<i>EPA 3535A 2007 + EPA 8270E 2018</i>								



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Result		Concentration	Uncertainty	UM	Limits			
					Min	Max	Min	Max
2-methoxyethyl acetate	*	< 50		ug/l		50		
<i>EPA 3535A 2007 + EPA 8270E 2018</i>								
2-methoxypropyl acetate	*	< 50		ug/l		50		
<i>EPA 3535A 2007 + EPA 8270E 2018</i>								
Bis(2-methoxyethyl)-ether	*	< 50		ug/l		50		
<i>EPA 3535A 2007 + EPA 8270E 2018</i>								
Ethylene glycol dimethyl ether	*	< 50		ug/l		50		
<i>EPA 3535A 2007 + EPA 8270E 2018</i>								
Triethylene glycol dimethyl ether	*	< 50		ug/l		50		
<i>EPA 3535A 2007 + EPA 8270E 2018</i>								
Organo-Tin Compounds	*	-		µg/l				
<i>UNI EN ISO 17353:2006</i>								
Monomethyltin (MMT)	*	< 0.01		ug/l				
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Monophenyltin (MPhT)	*	< 0.01		µg/l		0.01		
<i>UNI EN ISO 17353:2006</i>								
Trimethyltin (TMT)	*	< 0.01		ug/l				
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Trioctyltin (TOT)	*	< 0.01		µg/l		0.01		
<i>UNI EN ISO 17353:2006</i>								
Monobutyltin (MBT)	*	< 0.01		µg/l		0.01		
<i>UNI EN ISO 17353:2006</i>								
Dibutyltin (DBT)	*	< 0.01		µg/l		0.01		
<i>UNI EN ISO 17353:2006</i>								
Tributyltin (TBT)	*	< 0.01		µg/l		0.01		
<i>UNI EN ISO 17353:2006</i>								
Triphenyltin (TPhT)	*	< 0.01		µg/l		0.01		
<i>UNI EN ISO 17353:2006</i>								
Diocetyltn (DOT)	*	< 0.01		µg/l		0.01		
<i>UNI EN ISO 17353:2006</i>								
Monooctyltin (MOT)	*	< 0.01		µg/l		0.01		
<i>UNI EN ISO 17353:2006</i>								
Diphenyltin (DPhT)	*	< 0.01		µg/l		0.01		
<i>UNI EN ISO 17353:2006</i>								
Dimethyltin (DMT)	*	< 0.01		ug/l				
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Tetrabutyltin (TeBT)	*	< 0.01		µg/l		0.01		
<i>UNI EN ISO 17353:2006</i>								
Tricyclohexyltin (TCHT)	*	< 0.01		µg/l		0.01		
<i>UNI EN ISO 17353:2006</i>								
Tripropyltin (TPT)	*	< 0.01		µg/l		0.01		
<i>UNI EN ISO 17353:2006</i>								
Tetraethyltin (TeET)	*	< 0.01		µg/l		0.01		
<i>UNI EN ISO 17353:2006</i>								
Tributyltin oxide (TBTO)	*	< 0.01		µg/l		0.01		
<i>UNI EN ISO 17353:2006</i>								
Dibutyltin dichloride (DBTC)	*	< 0.01		µg/l		0.01		
<i>UNI EN ISO 17353:2006</i>								
PFCs	*	-						
<i>EPA/600/R-08/092 METHOD 537</i>								



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Result		Concentration	Uncertainty	UM	Limits			
					Min	Max	Min	Max
Perfluorooctanoic acid (PFOA)	*	< 0.01		µg/l		0.01		
<i>EPA/600/R-08/092 METHOD 537</i>								
Perfluorobutanesulfonic acid (PFBS)	*	< 0.01		µg/l		0.01		
<i>EPA/600/R-08/092 METHOD 537</i>								
Perfluorooctane sulfonates (PFOS)	*	< 0.01		µg/l		0.01		
<i>EPA/600/R-08/092 METHOD 537</i>								
Perfluorohexanoic acid (PFHxA)	*	< 0.01		µg/l		0.01		
<i>EPA/600/R-08/092 METHOD 537</i>								
1H,1H,2H,2H-Perfluorooctan-1-ol (6:2 FTOH)	*	< 0.10		µg/l		1		
<i>EPA/600/R-08/092 METHOD 537</i>								
1H,1H,2H,2H-Perfluorodecan-1-ol (8:2 FTOH)	*	< 0.10		µg/l		1		
<i>EPA/600/R-08/092 METHOD 537</i>								
Phthalate	*	-				10		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Di-cyclohexyl phthalate (DCHP)	*	< 1		µg/l		10		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Diethyl phthalate (DEP)	*	< 1		µg/l		10		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Di-iso-hexylphthalate (DIHxP)	*	< 1		µg/l		10		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Di-iso-octyl phthalate (DIOP)	*	< 1		µg/l		10		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Dinonyl phthalate (DNP)	*	< 1		µg/l		10		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Di-n-propyl phthalate (DPRP)	*	< 1		µg/l		10		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Dibutylphthalate (DBP)	*	< 1		µg/l		10		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Di-(2-ethylhexyl)-phthalate (DEHP or DOP)	*	< 1		µg/l		10		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Butylbenzylphthalate (BBP)	*	< 1		µg/l		10		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Di-iso-nonylphthalate (DINP)	*	< 1		µg/l		10		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Di-iso-decylphthalate (DIDP)	*	< 1		µg/l		10		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Di-n-octylphthalate (DNOP)	*	< 1		µg/l		10		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Di-iso-butylphthalate (DIBP)	*	< 1		µg/l		10		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Bis-(2-methoxyethyl)-phthalate (DMEP)	*	< 1		µg/l		10		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Di-iso-heptylphthalate (DIHP)	*	< 1		µg/l		10		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Di-C7-11-branched alkylphthalates (DHNUP)	*	< 1		µg/l		10		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Di-n-hexylphthalate (DHP)	*	< 1		µg/l		10		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Di-n-pentylphthalate (DnPP)	*	< 1		µg/l		10		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								

Results contained in this report refer only to tested manufacts.

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Institute member of National Registry Office of Research code E0190YZ7 and of the Highly Qualified Laboratories Association according to law n.46 (02/17th/1982) and authorized to carry out applied research programmes by the Ministry of University and Scientific Research and Technology.

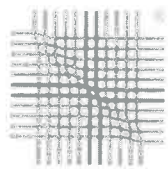


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Result		Concentration	Uncertainty	UM	Limits			
					Min	Max	Min	Max
Di-iso-pentylphthalate (DIPP)	*	< 1		µg/l		10		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
N-pentyl-iso-pentylphthalate	*	< 1		µg/l		10		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Dipentylphthalate (DPP)	*	< 1		µg/l		10		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Polycyclic aromatic hydrocarbons		-						
<i>APAT CNR IRSA 5080 Man.29 2003</i>								
Acenaphthene	*	< 0.01		µg/l		1		
<i>APAT CNR IRSA 5080 Man.29 2003</i>								
Acenaphthylene		< 0.01		µg/l		1		
<i>APAT CNR IRSA 5080 Man.29 2003</i>								
Anthracene		< 0.01		µg/l		1		
<i>APAT CNR IRSA 5080 Man.29 2003</i>								
Benzo[a]anthracene		< 0.01		µg/l		1		
<i>APAT CNR IRSA 5080 Man.29 2003</i>								
Benzo[a]pyrene (BaP)		< 0.01		µg/l		1		
<i>APAT CNR IRSA 5080 Man.29 2003</i>								
Benzo[b]fluoranthene		< 0.01		µg/l		1		
<i>APAT CNR IRSA 5080 Man.29 2003</i>								
Benzo[e]pyrene	*	< 0.01		µg/l		1		
<i>APAT CNR IRSA 5080 Man.29 2003</i>								
Benzo[g,h,i]perylene		< 0.01		µg/l		1		
<i>APAT CNR IRSA 5080 Man.29 2003</i>								
Benzo[j]fluoranthene	*	< 0.01		µg/l		1		
<i>APAT CNR IRSA 5080 Man.29 2003</i>								
Benzo[k]Fluoranthene		< 0.01		µg/l		1		
<i>APAT CNR IRSA 5080 Man.29 2003</i>								
Chrysene		< 0.01		µg/l		1		
<i>APAT CNR IRSA 5080 Man.29 2003</i>								
Dibenzo[a,h]anthracene		< 0.01		µg/l		1		
<i>APAT CNR IRSA 5080 Man.29 2003</i>								
Phenanthrene		< 0.01		µg/l		1		
<i>APAT CNR IRSA 5080 Man.29 2003</i>								
Fluoranthene		< 0.01		µg/l		1		
<i>APAT CNR IRSA 5080 Man.29 2003</i>								
Fluorene		< 0.01		µg/l		1		
<i>APAT CNR IRSA 5080 Man.29 2003</i>								
Indeno[1,2,3-cd]pyrene		< 0.01		µg/l		1		
<i>APAT CNR IRSA 5080 Man.29 2003</i>								
Naphthalene	*	< 0.01		µg/l		1		
<i>APAT CNR IRSA 5080 Man.29 2003</i>								
Pyrene		< 0.01		µg/l		1		
<i>APAT CNR IRSA 5080 Man.29 2003</i>								
Volatile organic compounds (VOC)	*	-						
<i>EPA 5021A 2014 + EPA 8260D 2018</i>								
Benzene	*	< 1		µg/l		1		
<i>EPA 5021A 2014 + EPA 8260D 2018</i>								
m-Cresol	*	< 1		µg/l		1		
<i>EPA 5021A 2014 + EPA 8260D 2018</i>								



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Result		Concentration	Uncertainty	UM	Limits			
					Min	Max	Min	Max
o-Cresol	*	< 1		µg/l		1		
EPA 5021A 2014 + EPA 8260D 2018								
p-Cresol	*	< 1		µg/l		1		
EPA 5021A 2014 + EPA 8260D 2018								
Xylene	*	< 1		µg/l		1		
EPA 5021A 2014 + EPA 8260D 2018								
Halogenated Solvent	*	-						
EPA 5021A 2014 + EPA 8260D 2018								
Dichloromethane	*	< 0.1		µg/l		1		
EPA 5021A 2014 + EPA 8260D 2018								
1,2-dichloroethane	*	< 0.1		µg/l		1		
EPA 5021A 2014 + EPA 8260D 2018								
Trichloroethylene	*	< 0.1		µg/l		1		
EPA 5021A 2014 + EPA 8260D 2018								
Tetrachloroethylene	*	< 0.1		µg/l		1		
EPA 5021A 2014 + EPA 8260D 2018								

(*): no accredited by Accredia

Notes

The tests indicated by the symbol "*" do not fall within the ACCREDIA accreditation scope of the laboratory.
If carried out by the laboratory, the sampling is conducted with a method that does not fall within the scope of the Laboratory's ACCREDIA accreditation.

The analytical results are not corrected by the laboratory for the recovery factor.

The analyzes are carried out on a single independent replica of the sample as it is.

The measurement uncertainty indicated corresponds to the expanded uncertainty with coverage factor $k = 2$ at a probability level $p = 95\%$.

When preceded by the symbol "<", the result refers to the lower limit of quantification of the applied method.

The recoveries guaranteed by the laboratory for analyzes that require the extraction of the analytes from the matrix and / or the reduction in volume of the analysis extract are between 80% and 120%.

If present, opinions and observations do not fall within the ACCREDIA accreditation scope.

If the sample is not taken by personnel of Centro Tessile Cottoniero e abbigliamento S.p.A., the identification data inserted in the acceptance form are provided by the customer under his own responsibility and the results refer to the sample as received.

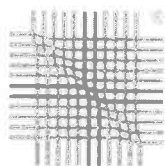
Issue date

23/04/2021

Chemical Ecological and Environmental
Testing Area Manager
dott.ssa Letizia Bregola



End of Test Report 21TA00017/01



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LAB N° 0033 L

Test Report

21TA00016

of **23/04/2021**

Messrs
E. MIROGLIO EAD
Industrial District - P.O. Box 360
8800 SLIVEN - BG

Test Report to verify compliance with ZDHC parameters

Receiving date 12/03/2021 **Receipt date** 12/03/2021 **Date and Time of sampling** 11/03/2021 00.00
Description Raw water (before ETP)
Identification Waste water
Customer E. MIROGLIO EAD
Sampling collected by certificated bulgurian lab
Sampling location E. Miroglia EAD - Plant Yambol, Bulgaria
Sampling procedure PG 22 rev.0
Test began on 14/03/2021 **Test ended on** 22/04/2021

Limit values

ZDHC - Wastewater Guidelines 2019, Table 1

ZDHC - Wastewater Guidelines 2019, Table 2

Tests

80234 Water and industrial wastewater. MRSL parameters ZDHC in accordance with Appendix A, Tables 2A-2N
Wastewater Guidelines Version 1.1 - 2019

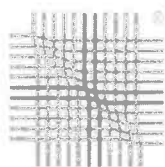


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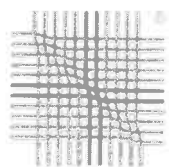


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Result			Concentration	Uncertainty	UM	Limits			
						Min	Max	Min	Max
Antimony	*		< 0.0025		mg/l		0.1		0.05
UNI EN ISO 15587-2:2002 + UNI EN ISO 17294-2:2016									
Chromium	*		0.50	0.10	mg/l	N	0.2		0.1
UNI EN ISO 15587-2:2002 + UNI EN ISO 17294-2:2016									
Cobalt			< 0.0025		mg/l		0.05		0.02
UNI EN ISO 15587-2:2002 + UNI EN ISO 17294-2:2016									
Copper	*		< 0.0025		mg/l		1		0.5
UNI EN ISO 15587-2:2002 + UNI EN ISO 17294-2:2016									
Nikel	*		< 0.0025		mg/l		0.2		0.1
UNI EN ISO 15587-2:2002 + UNI EN ISO 17294-2:2016									
Silver	*		< 0.0025		mg/l		0.1		0.05
UNI EN ISO 15587-2:2002 + UNI EN ISO 17294-2:2016									
Zinc			< 0.0025		mg/l		5		1
UNI EN ISO 15587-2:2002 + UNI EN ISO 17294-2:2016									
Arsenic	*		< 0.0025		mg/l		0.05		0.01
UNI EN ISO 15587-2:2002 + UNI EN ISO 17294-2:2016									
Cadmium	*		< 0.0025		mg/l		0.1		0.05
UNI EN ISO 15587-2:2002 + UNI EN ISO 17294-2:2016									
Chromium VI			< 0.001		mg/l		0.05		0.005
APAT CNR IRSA 3150C Man. 29 2003									
Lead	*		< 0.0025		mg/l		0.1		0.05
UNI EN ISO 15587-2:2002 + UNI EN ISO 17294-2:2016									
Mercury	*		< 0.001		mg/l		0.01		0.005
UNI EN ISO 15587-2:2002 + UNI EN ISO 17294-2:2016									
Alkylphenol	*		-						
UNI EN ISO 18857-1:2006									
4-Nonylphenol	*		< 1.0		µg/l		5		
UNI EN ISO 18857-1:2006									
4-Nonylphenol (branched)	*		< 1.0		µg/l		5		
UNI EN ISO 18857-1:2006									
4-Octylphenol	*		< 1.0		µg/l		5		
UNI EN ISO 18857-1:2006									
Nonylphenol NP	*		< 1.0		µg/l		5		
UNI EN ISO 18857-1:2006									
Octylphenol	*		< 1.0		µg/l		5		
UNI EN ISO 18857-1:2006									
Alkylphenol Ethoxylates	*		-						
ISO 18857-2:2009 + MIP 130:2011 Rev. 0									
NPEO (1-20)	*		< 1.0		µg/l		5		
ISO 18857-2:2009 + MIP 130:2011 Rev. 0									
OPEO (1-20)	*		< 1.0		µg/l		5		
ISO 18857-2:2009 + MIP 130:2011 Rev. 0									
Chlorobenzenes and ChloroToluenes	*		-						
EPA 3510C 1996 + EPA 8270E 2018									
2,3,4-Trichlorotoluene	*		< 0.02		µg/l		0.2		
EPA 3510C 1996 + EPA 8270E 2018									
2,3,6-Trichlorotoluene	*		< 0.02		µg/l		0.2		
EPA 3550C 2007 + EPA 8270E 2018									
2,3-Dichlorotoluene	*		< 0.02		µg/l		0.2		
EPA 3510C 1996 + EPA 8270E 2018									



Result		Concentration	Uncertainty	UM	Limits			
					Min	Max	Min	Max
2,4,5-Trichlorotoluene	*	< 0.02		µg/l		0.2		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
2,4,6-Trichlorotoluene	*	< 0.02		µg/l		0.2		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
2,4-Dichlorotoluene	*	< 0.02		µg/l		0.2		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
2,5-Dichlorotoluene	*	< 0.02		µg/l		0.2		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
2,6-Dichlorotoluene	*	< 0.02		µg/l		0.2		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
2,3,4,5-Tetrachlorotoluene	*	< 0.02		µg/l		0.2		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
2,3,4,6-Tetrachlorotoluene	*	< 0.02		µg/l		0.2		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
2,3,5,6-Tetrachlorotoluene	*	< 0.02		µg/l		0.2		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
2-Chlorotoluene	*	< 0.02		µg/l		0.2		
<i>EPA 3550C 2007 + EPA 8270E 2018</i>								
3,4,5-Trichlorotoluene	*	< 0.02		µg/l		0.2		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
3,4-Dichlorotoluene	*	< 0.02		µg/l		0.2		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
3,5-Dichlorotoluene	*	< 0.02		µg/l		0.2		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
3-Chlorotoluene	*	< 0.02		µg/l		0.2		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
4-Chlorotoluene	*	< 0.02		µg/l		0.2		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Pentachlorotoluene	*	< 0.02		µg/l		0.2		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
1,2-dichlorobenzene	*	< 0.02		µg/l		0.2		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
1,3-dichlorobenzene	*	< 0.02		µg/l		0.2		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
1,4-dichlorobenzene	*	< 0.02		µg/l		0.2		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
1,2,3-trichlorobenzene	*	< 0.02		µg/l		0.2		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
1,2,4-trichlorobenzene	*	< 0.02		µg/l		0.2		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
1,3,5-trichlorobenzene	*	< 0.02		µg/l		0.2		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
1,2,3,4-tetrachlorobenzene	*	< 0.02		µg/l		0.2		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
1,2,3,5-tetrachlorobenzene	*	< 0.02		µg/l		0.2		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
1,2,4,5-tetrachlorobenzene	*	< 0.02		µg/l		0.2		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Pentachlorobenzenes	*	< 0.02		µg/l		0.2		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								

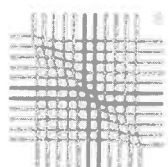


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Result		Concentration	Uncertainty	UM	Limits			
					Min	Max	Min	Max
Hexachlorobenzene	*	< 0.02		µg/l		0.2		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Chlorobenzene	*	< 0.02		µg/l		0.2		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Chlorophenols	*	-				0.5		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
2-chlorophenol	*	< 0.5		µg/l		0.5		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
3-chlorophenol	*	< 0.5		µg/l		0.5		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
4-chlorophenol	*	< 0.5		µg/l		0.5		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
2,3-dichlorophenol	*	< 0.5		µg/l		0.5		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
2,4-dichlorophenol	*	< 0.5		µg/l		0.5		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
2,5-dichlorophenol	*	< 0.5		µg/l		0.5		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
2,6-dichlorophenol	*	< 0.5		µg/l		0.5		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
3,4-dichlorophenol	*	< 0.5		µg/l		0.5		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
3,5-dichlorophenol	*	< 0.5		µg/l		0.5		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
2,3,4-trichlorophenol	*	< 0.5		µg/l		0.5		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
2,3,5-trichlorophenol	*	< 0.5		µg/l		0.5		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
2,3,6-trichlorophenol	*	< 0.5		µg/l		0.5		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
2,4,5-trichlorophenol	*	< 0.5		µg/l		0.5		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
2,4,6-trichlorophenol	*	< 0.5		µg/l		0.5		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
3,4,5-trichlorophenol	*	< 0.5		µg/l		0.5		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
2,3,4,5-tetrachlorophenol	*	< 0.5		µg/l		0.5		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
2,3,4,6-tetrachlorophenol	*	< 0.5		µg/l		0.5		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
2,3,5,6-tetrachlorophenol	*	< 0.5		µg/l		0.5		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Pentachlorophenol	*	< 0.5		µg/l		0.5		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Dyes - Azo (Forming restricted amines)	*	-						
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>								
4-aminobiphenyl	*	< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>								
benzidine	*	< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>								

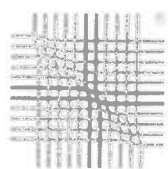


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Result		Concentration	Uncertainty	UM	Limits			
					Min	Max	Min	Max
4-chloro-o-toluidine	*	< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>								
2-naphthylamine	*	< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>								
o-aminoazotoluene	*	< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>								
2-amino-4-nitrotoluene	*	< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>								
4-chloroaniline	*	< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>								
2,4-diaminoanisole	*	< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>								
4,4'-diaminodiphenylmethane	*	< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>								
3,3'-dichlorobenzidine	*	< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>								
o-dianisidine (3,3'-dimethoxybenzidine)	*	< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>								
o-tolidine (3,3'-dimethylbenzidine)	*	< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>								
3,3'-dimethyl-4,4'-diaminodiphenylmethane	*	< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>								
p-cresidine (2-methoxy-5-methylaniline)	*	< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>								
3,3'-dichloro-4,4'-diaminodiphenylmethane	*	< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>								
4,4'-diaminodiphenyl ether	*	< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>								
4,4'-diaminodiphenyl sulphide	*	< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>								
o-toluidine	*	< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>								
2,4-toluediamine	*	< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>								
2,4,5-trimethylaniline	*	< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>								
o-anisidine (2-methoxyaniline)	*	< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>								
4-aminoazobenzene	*	< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>								
2,4-xylylidine	*	< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>								
2,6-xylylidine	*	< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>								
Aniline	*	< 0.05		µg/l				
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>								
p-phenylenediamine	*	< 0.05		µg/l		0.1		
<i>EPA 8270E 2018 (Rif. ISO 14362-1:2017)</i>								
Dyes - Carcinogenic	*	-		µg/l				
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								



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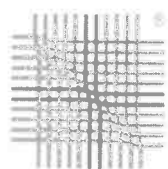


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Result		Concentration	Uncertainty	UM	Limits			
					Min	Max	Min	Max
Basic Green 4 (malachite green chloride)	*	< 0.1		µg/l		500		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Basic Green 4 (malachite green oxalate)	*	< 0.1		µg/l		500		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Basic Green 4 (malachite green)	*	< 0.1		µg/l		500		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Disperse Blue 1	*	< 0.1		µg/l		500		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Disperse Blue 3	*	< 0.1		µg/l		500		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Disperse Orange 11	*	< 0.1		µg/l		500		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Acid Red 114 (C.I. 23635)	*	< 0.1		µg/l		500		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Acid Red 26 (C.I. 16 150)	*	< 0.1		µg/l		500		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Basic Blue 26 (C.I. 44045)	*	< 0.1		µg/l		500		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Basic Red 9 (C.I. 42 500)	*	< 0.1		µg/l		500		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Basic Violet 14 (C.I. 42 510)	*	< 0.1		µg/l		500		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Basic Violet 3 (C.I. 42535)	*	< 0.1		µg/l		500		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Direct Black 38 (C.I. 30 235)	*	< 0.1		µg/l		500		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Direct Blue 6 (C.I. 22 610)	*	< 0.1		µg/l		500		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Direct Red 28 (C.I. 22 120)	*	< 0.1		µg/l		500		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Dyes - Disperse	*	-						
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Disperse Orange 1 (C.I. 11 080)	*	< 0.1		µg/l		50		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Disperse Orange 11 (C.I. 60 700)	*	< 0.1		µg/l		50		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Disperse Orange 149	*	< 0.1		µg/l		50		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Disperse Orange 3 (C.I. 11 005)	*	< 0.1		µg/l		50		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Disperse Orange 37/59/76	*	< 0.1		µg/l		50		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Disperse Blue 1 (C.I. 64 500)	*	< 0.1		µg/l		50		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Disperse Blue 102	*	< 0.1		µg/l		50		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Disperse Blue 106	*	< 0.1		µg/l		50		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Disperse Blue 124	*	< 0.1		µg/l		50		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								

Results contained in this report refer only to tested manufactures.

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Result		Concentration	Uncertainty	UM	Limits			
					Min	Max	Min	Max
Disperse Blue 26 (C.I. 63 305)	*	< 0.1		µg/l		50		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Disperse Blue 3 (C.I. 61 505)	*	< 0.1		µg/l		50		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Disperse Blue 35	*	< 0.1		µg/l		50		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Disperse Yellow 1 (C.I. 10 345)	*	< 0.1		µg/l		50		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Disperse Blue 7 (C.I. 62 500)	*	< 0.1		µg/l		50		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Disperse Yellow 23 (C.I. 26 070)	*	< 0.1		µg/l		50		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Disperse Yellow 3 (C.I. 11 855)	*	< 0.1		µg/l		50		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Disperse Yellow 39	*	< 0.1		µg/l		50		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Disperse Yellow 49	*	< 0.1		µg/l		50		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Disperse Yellow 9 (C.I. 10 375)	*	< 0.1		µg/l		50		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Disperse Brown 1	*	< 0.1		µg/l		50		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Disperse Red 1 (C.I. 11 110)	*	< 0.1		µg/l		50		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Disperse Red 11 (C.I. 62 015)	*	< 0.1		µg/l		50		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Disperse Red 17 (C.I. 11 210)	*	< 0.1		µg/l		50		
<i>EPA 3510C 1996 + EPA 8321B 2007</i>								
Flame retardants	*	-						
<i>Metodo Interno (Rif. UNI EN 71-10:2006 Par. 8.1.1 + UNI EN 71-11:2006 Par. 5.2)</i>								
2,2-bis(bromomethyl)-1,3-peopane-diol (BBMP)	*	< 0.05		µg/l		5		
<i>Metodo Interno (Rif. UNI EN 71-10:2006 Par. 8.1.1 + UNI EN 71-11:2006 Par. 5.2)</i>								
Bis(2,3-dibromopropyl)phosphate (BIS)	*	< 0.05		µg/l		5		
<i>Metodo Interno (Rif. UNI EN 71-10:2006 Par. 8.1.1 + UNI EN 71-11:2006 Par. 5.2)</i>								
Polybromobiphenyls (PBB)	*	< 0.05		µg/l		5		
<i>Metodo Interno (Rif. UNI EN 71-10:2006 Par. 8.1.1 + UNI EN 71-11:2006 Par. 5.2)</i>								
Pentabromo diphenyl ether (pentaBDE)	*	< 0.05		µg/l		5		
<i>Metodo Interno (Rif. UNI EN 71-10:2006 Par. 8.1.1 + UNI EN 71-11:2006 Par. 5.2)</i>								
Tris(1-aziridinyl)phosphine oxide (TEPA)	*	< 0.05		µg/l				
<i>Metodo Interno (Rif. UNI EN 71-10:2006 Par. 8.1.1 + UNI EN 71-11:2006 Par. 5.2)</i>								
Octabromo diphenyl ethers (OctaBDE)	*	< 0.05		µg/l		5		
<i>Metodo Interno (Rif. UNI EN 71-10:2006 Par. 8.1.1 + UNI EN 71-11:2006 Par. 5.2)</i>								
Decabromobiphenyl (DecaBB)	*	< 0.05		µg/l		5		
<i>Metodo Interno (Rif. UNI EN 71-10:2006 Par. 8.1.1 + UNI EN 71-11:2006 Par. 5.2)</i>								
Tris(2-chloroethyl) phosphate (TCEP)	*	< 0.05		µg/l		5		
<i>Metodo Interno (Rif. UNI EN 71-10:2006 Par. 8.1.1 + UNI EN 71-11:2006 Par. 5.2)</i>								
Hexabromocyclododecane (HBCDD)	*	< 0.05		µg/l		5		
<i>Metodo Interno (Rif. UNI EN 71-10:2006 Par. 8.1.1 + UNI EN 71-11:2006 Par. 5.2)</i>								
Tetrabromo-bisphenol A (TBBPA)	*	< 0.05		µg/l		5		
<i>Metodo Interno (Rif. UNI EN 71-10:2006 Par. 8.1.1 + UNI EN 71-11:2006 Par. 5.2)</i>								

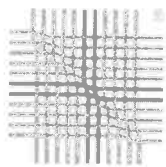


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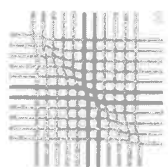


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Result		Concentration	Uncertainty	UM	Limits			
					Min	Max	Min	Max
TRIS	*	< 0,05		µg/l		5		
<i>Metodo Interno (Rif. UNI EN 71-10:2006 Par. 8.1.1 + UNI EN 71-11:2006 Par. 5.2)</i>								
Tris(1,3-dicloro-2-propil) phosphate (TDCPP)	*	< 0,05		µg/l		5		
<i>Metodo Interno (Rif. UNI EN 71-10:2006 Par. 8.1.1 + UNI EN 71-11:2006 Par. 5.2)</i>								
SCCP	*	< 0,05		µg/l		5		
<i>Metodo Interno (Rif. UNI EN 71-10:2006 Par. 8.1.1 + UNI EN 71-11:2006 Par. 5.2)</i>								
Glycols	*	-		ug/l				
<i>EPA 3535A 2007 + EPA 8270E 2018</i>								
2-methoxyethanol	*	< 50		ug/l		50		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
2-ethoxyethanol	*	< 50		ug/l		50		
<i>EPA 3535A 2007 + EPA 8270E 2018</i>								
2-ethoxyethyl acetate	*	< 50		ug/l		50		
<i>EPA 3535A 2007 + EPA 8270E 2018</i>								
2-methoxyethyl acetate	*	< 50		ug/l		50		
<i>EPA 3535A 2007 + EPA 8270E 2018</i>								
2-methoxypropyl acetate	*	< 50		ug/l		50		
<i>EPA 3535A 2007 + EPA 8270E 2018</i>								
Bis(2-methoxyethyl)-ether	*	< 50		ug/l		50		
<i>EPA 3535A 2007 + EPA 8270E 2018</i>								
Ethylene glycol dimethyl ether	*	< 50		ug/l		50		
<i>EPA 3535A 2007 + EPA 8270E 2018</i>								
Triethylene glycol dimethyl ether	*	< 50		ug/l		50		
<i>EPA 3535A 2007 + EPA 8270E 2018</i>								
Organo-Tin Compounds	*	-		µg/l				
<i>UNI EN ISO 17353:2006</i>								
Monomethyltin (MMT)	*	< 0.01		ug/l				
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Monophenyltin (MPhT)	*	< 0.01		µg/l		0.01		
<i>UNI EN ISO 17353:2006</i>								
Trimethyltin (TMT)	*	< 0.01		ug/l				
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Trioctyltin (TOT)	*	< 0.01		µg/l		0.01		
<i>UNI EN ISO 17353:2006</i>								
Monobutyltin (MBT)	*	< 0.01		µg/l		0.01		
<i>UNI EN ISO 17353:2006</i>								
Dibutyltin (DBT)	*	< 0.01		µg/l		0.01		
<i>UNI EN ISO 17353:2006</i>								
Tributyltin (TBT)	*	< 0.01		µg/l		0.01		
<i>UNI EN ISO 17353:2006</i>								
Triphenyltin (TPhT)	*	< 0.01		µg/l		0.01		
<i>UNI EN ISO 17353:2006</i>								
Diocetyltn (DOT)	*	< 0.01		µg/l		0.01		
<i>UNI EN ISO 17353:2006</i>								
Monooctyltin (MOT)	*	< 0.01		µg/l		0.01		
<i>UNI EN ISO 17353:2006</i>								
Diphenyltin (DPhT)	*	< 0.01		µg/l		0.01		
<i>UNI EN ISO 17353:2006</i>								
Dimethyltin (DMT)	*	< 0.01		ug/l				
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								



Result		Concentration	Uncertainty	UM	Limits			
					Min	Max	Min	Max
Tetrabutyltin (TeBT)	*	< 0.01		µg/l		0.01		
<i>UNI EN ISO 17353:2006</i>								
Tricyclohexyltin (TCHT)	*	< 0.01		µg/l		0.01		
<i>UNI EN ISO 17353:2006</i>								
Tripropyltin (TPT)	*	< 0.01		µg/l		0.01		
<i>UNI EN ISO 17353:2006</i>								
Tetraethyltin (TeET)	*	< 0.01		µg/l		0.01		
<i>UNI EN ISO 17353:2006</i>								
Tributyltin oxide (TBTO)	*	< 0.01		µg/l		0.01		
<i>UNI EN ISO 17353:2006</i>								
Dibutyltin dichloride (DBTC)	*	< 0.01		µg/l		0.01		
<i>UNI EN ISO 17353:2006</i>								
PFCs	*	-						
<i>EPA/600/R-08/092 METHOD 537</i>								
Perfluorooctanoic acid (PFOA)	*	< 0.01		µg/l		0.01		
<i>EPA/600/R-08/092 METHOD 537</i>								
Perfluorobutanesulfonic acid (PFBS)	*	< 0.01		µg/l		0.01		
<i>EPA/600/R-08/092 METHOD 537</i>								
Perfluorooctane sulfonates (PFOS)	*	< 0.01		µg/l		0.01		
<i>EPA/600/R-08/092 METHOD 537</i>								
Perfluorohexanoic acid (PFHxA)	*	< 0.01		µg/l		0.01		
<i>EPA/600/R-08/092 METHOD 537</i>								
1H,1H,2H,2H-Perfluorooctan-1-ol (6:2 FTOH)	*	< 0.10		µg/l		1		
<i>EPA/600/R-08/092 METHOD 537</i>								
1H,1H,2H,2H-Perfluorodecan-1-ol (8:2 FTOH)	*	< 0.10		µg/l		1		
<i>EPA/600/R-08/092 METHOD 537</i>								
Phthalate	*	-				10		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Di-cyclohexyl phthalate (DCHP)	*	< 1		µg/l		10		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Diethyl phthalate (DEP)	*	< 1		µg/l		10		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Di-iso-hexylphthalate (DIHxP)	*	< 1		µg/l		10		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Di-iso-octyl phthalate (DIOP)	*	< 1		µg/l		10		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Dinonyl phthalate (DNP)	*	< 1		µg/l		10		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Di-n-propyl phthalate (DPRP)	*	< 1		µg/l		10		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Dibutylphthalate (DBP)	*	< 1		µg/l		10		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Di-(2-ethylhexyl)-phthalate (DEHP or DOP)	*	< 1		µg/l		10		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Butylbenzylphthalate (BBP)	*	< 1		µg/l		10		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Di-iso-nonylphthalate (DINP)	*	< 1		µg/l		10		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Di-iso-decylphthalate (DIDP)	*	< 1		µg/l		10		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								



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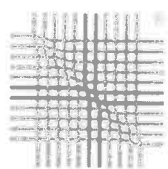


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Result		Concentration	Uncertainty	UM	Limits			
					Min	Max	Min	Max
Di-n-octylphthalate (DNOP)	*	< 1		µg/l		10		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Di-iso-butylphthalate (DIBP)	*	< 1		µg/l		10		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Bis-(2-methoxyethyl)-phthalate (DMEP)	*	< 1		µg/l		10		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Di-iso-heptylphthalate (DIHP)	*	< 1		µg/l		10		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Di-C7-11-branched alkylphthalates (DHNUP)	*	< 1		µg/l		10		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Di-n-hexylphthalate (DHP)	*	< 1		µg/l		10		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Di-n-pentylphthalate (DnPP)	*	< 1		µg/l		10		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Di-iso-pentylphthalate (DIPP)	*	< 1		µg/l		10		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
N-pentyl-iso-pentylphthalate	*	< 1		µg/l		10		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Dipentylphthalate (DPP)	*	< 1		µg/l		10		
<i>EPA 3510C 1996 + EPA 8270E 2018</i>								
Polycyclic aromatic hydrocarbons		-						
<i>APAT CNR IRSA 5080 Man.29 2003</i>								
Acenaphthene	*	< 0.01		µg/l		1		
<i>APAT CNR IRSA 5080 Man.29 2003</i>								
Acenaphthylene		< 0.01		µg/l		1		
<i>APAT CNR IRSA 5080 Man.29 2003</i>								
Anthracene		< 0.01		µg/l		1		
<i>APAT CNR IRSA 5080 Man.29 2003</i>								
Benzo[a]anthracene		< 0.01		µg/l		1		
<i>APAT CNR IRSA 5080 Man.29 2003</i>								
Benzo[a]pyrene (BaP)		< 0.01		µg/l		1		
<i>APAT CNR IRSA 5080 Man.29 2003</i>								
Benzo[b]fluoranthene		< 0.01		µg/l		1		
<i>APAT CNR IRSA 5080 Man.29 2003</i>								
Benzo[e]pyrene	*	< 0.01		µg/l		1		
<i>APAT CNR IRSA 5080 Man.29 2003</i>								
Benzo[g,h,i]perylene		< 0.01		µg/l		1		
<i>APAT CNR IRSA 5080 Man.29 2003</i>								
Benzo[j]fluoranthene	*	< 0.01		µg/l		1		
<i>APAT CNR IRSA 5080 Man.29 2003</i>								
Benzo[k]Fluoranthene		< 0.01		µg/l		1		
<i>APAT CNR IRSA 5080 Man.29 2003</i>								
Chrysene		< 0.01		µg/l		1		
<i>APAT CNR IRSA 5080 Man.29 2003</i>								
Dibenzo[a,h]anthracene		< 0.01		µg/l		1		
<i>APAT CNR IRSA 5080 Man.29 2003</i>								
Phenanthrene		< 0.01		µg/l		1		
<i>APAT CNR IRSA 5080 Man.29 2003</i>								
Fluoranthene		< 0.01		µg/l		1		
<i>APAT CNR IRSA 5080 Man.29 2003</i>								

Results contained in this report refer only to tested manufactures.

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Result		Concentration	Uncertainty	UM	Limits			
					Min	Max	Min	Max
Fluorene		< 0.01		µg/l		1		
<i>APAT CNR IRSA 5080 Man.29 2003</i>								
Indeno[1,2,3-cd]pyrene		< 0.01		µg/l		1		
<i>APAT CNR IRSA 5080 Man.29 2003</i>								
Naphthalene	*	< 0.01		µg/l		1		
<i>APAT CNR IRSA 5080 Man.29 2003</i>								
Pyrene		< 0.01		µg/l		1		
<i>APAT CNR IRSA 5080 Man.29 2003</i>								
Volatile organic compounds (VOC)	*	-						
<i>EPA 5021A 2014 + EPA 8260D 2018</i>								
Benzene	*	< 1		µg/l		1		
<i>EPA 5021A 2014 + EPA 8260D 2018</i>								
m-Cresol	*	< 1		µg/l		1		
<i>EPA 5021A 2014 + EPA 8260D 2018</i>								
o-Cresol	*	< 1		µg/l		1		
<i>EPA 5021A 2014 + EPA 8260D 2018</i>								
p-Cresol	*	< 1		µg/l		1		
<i>EPA 5021A 2014 + EPA 8260D 2018</i>								
Xylene	*	< 1		µg/l		1		
<i>EPA 5021A 2014 + EPA 8260D 2018</i>								
Halogenated Solvent	*	-						
<i>EPA 5021A 2014 + EPA 8260D 2018</i>								
Dichloromethane	*	< 0.1		µg/l		1		
<i>EPA 5021A 2014 + EPA 8260D 2018</i>								
1,2-dichloroethane	*	< 0.1		µg/l		1		
<i>EPA 5021A 2014 + EPA 8260D 2018</i>								
Trichloroethylene	*	< 0.1		µg/l		1		
<i>EPA 5021A 2014 + EPA 8260D 2018</i>								
Tetrachloroethylene	*	< 0.1		µg/l		1		
<i>EPA 5021A 2014 + EPA 8260D 2018</i>								

(*): no accredited by Accredia

Notes

The tests indicated by the symbol "*" do not fall within the ACCREDIA accreditation scope of the laboratory.

If carried out by the laboratory, the sampling is conducted with a method that does not fall within the scope of the Laboratory's ACCREDIA accreditation.

The analytical results are not corrected by the laboratory for the recovery factor.

The analyzes are carried out on a single independent replica of the sample as it is.

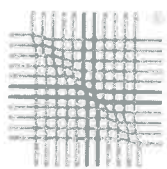
The measurement uncertainty indicated corresponds to the expanded uncertainty with coverage factor $k = 2$ at a probability level $p = 95\%$.

When preceded by the symbol "<", the result refers to the lower limit of quantification of the applied method.

The recoveries guaranteed by the laboratory for analyzes that require the extraction of the analytes from the matrix and / or the reduction in volume of the analysis extract are between 80% and 120%.

If present, opinions and observations do not fall within the ACCREDIA accreditation scope.

If the sample is not taken by personnel of Centro Tessile Cottoniero e abbigliamento S.p.A., the identification data inserted in the acceptance form are provided by the customer under his own responsibility and the results refer to the sample as received.



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Issue date

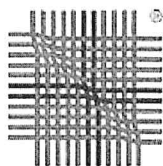
23/04/2021

**Chemical Ecological and Environmental
Testing Area Manager**

dott.ssa Letizia Bregola



End of Test Report **21TA00016**



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C.F. e P.IVA 01724710122

Test Report

21TA00016/01

of **28/04/2021**

Messrs
E. MIROGLIO EAD
Industrial District - P.O. Box 360
8800 SLIVEN - BG

Test Report to verify compliance with ZDHC parameters

Receiving date 12/03/2021 **Receipt date** 12/03/2021 **Date and Time of sampling** 11/03/2021 00.00

Description incoming water - well water

Identification

Customer E. MIROGLIO EAD

Sampling collected by certificated bulgarian lab

Sampling location E. Miroglia EAD - Plant Yambol, Bulgaria

Sampling procedure PG 22 rev.0

Test began on 28/04/2021 **Test ended on** 28/04/2021

Limit values

ZDHC - Wastewater Guidelines 2019, Table 1

Result	Concentration	Uncertainty	UM	Limits	
				Min	Max
Chromium Total	0.050	0.01	mg/l	0.2	0.1
UNI EN ISO 11885:2009+UNI EN ISO 15587-2:2002					

Notes

Test conducted on incoming water to verify the presence of total chromium in the supply well.

The tests indicated by the symbol "*" do not fall within the ACCREDIA accreditation scope of the laboratory.

If carried out by the laboratory, the sampling is conducted with a method that does not fall within the scope of the Laboratory's ACCREDIA accreditation.

The analytical results are not corrected by the laboratory for the recovery factor.

The analyzes are carried out on a single independent replica of the sample as it is.

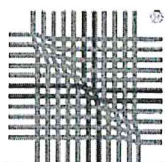
The measurement uncertainty indicated corresponds to the expanded uncertainty with coverage factor $k = 2$ at a probability level $p = 95\%$.

When preceded by the symbol "<", the result refers to the lower limit of quantification of the applied method.

The recoveries guaranteed by the laboratory for analyzes that require the extraction of the analytes from the matrix and / or the reduction in volume of the analysis extract are between 80% and 120%.

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Issue date

28/04/2021

**Chemical Ecological and Environmental
Testing Area Manager**
dott.ssa Letizia Bregola

End of Test Report 21TA00016/01

