

**TEST REPORT N° 23/42101**

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Mod.018 Rev .3 del 26.10.2023

Request No	<b>Not Applicable</b>
Input No	<b>23/40863</b>
Input date	<b>24/11/23</b>
Start and end test date	<b>24/11/23 - 07/12/23</b>
Issue date	<b>07/12/23</b>

Issued to	<b>ARTCOLOR s.r.l.</b>
	DIV. ARTCOLOR s.r.l. x ZDHC
	<b>Via Bologna, 288</b>
	<b>59025 CANTAGALLO (PO)</b>

**SAMPLE DESCRIPTION (#):**

**A POZZETTO ACQUA DI SCARICO**

**THIS DOCUMENT CONSISTS OF THE FOLLOWING ANALYTICAL RESULTS:**

Code	Test	Standard
CW0100 *	Water: sampling operation	ref. to ISO 5667-13:2011
CW0990	Water quality -Determination of Hexavalent Chromium	ISO 18412:2005
CW1000	Water quality -Determination of heavy metals	EPA 200.8 rev. 5.4
CW1070 *	Water quality -Determination of Polycyclic Aromatic Hydrocarbons (PAH)	EPA 3510C:1996 + EPA 8270E:2018 - ref. AfPS GS 2019:01
CW1200	Water quality -Determination of Alkylphenols	ISO 18857-1:2005
CW1201	Water quality -Determination of Ethoxylated Alkylphenols (APEOS)	MIP_CW1201_rev3:2021
CW1203	Water quality -Determination of Volatile Organic Compounds (VOC)	EPA 5021A:2014 + EPA 8260D:2017
CW1204 *	Water quality -Determination of Chlorinated Benzenes and toluenes	EPA 3510C:1996 + EPA 8270E:2018 - ref. EN 17137:2019
CW1205	Water quality -Determination of Chlorophenols	EPA 3510C:1996 + EPA 8270E:2018
CW1206	Water quality -Determination of Organotin Compounds	ISO 17353:2004(2013)
CW1207	Water quality -Determination of Polyfluorinated and Perfluorinated Compounds (PFC)	MIP_CW1207_rev3:2021
CW1208	Water quality -Determination of Phthalates	EPA 3510C:1996 + EPA 8270E:2018
CW1209 *	Water quality -Determination of Aromatic amines derived from azo-dyes	EPA 3510C:1996 + EPA 8270E:2018 - ref. ISO 14362-1
CW1210 *	Water quality -Determination of Allergenic Disperse Dyes	EPA 3535A:2007 + EPA 8321B:2007 - ref. DIN 54231-2022
CW1211 *	Water quality -Determination of Carcinogenic Dyes	EPA 3535A:2007 + EPA 8321B:2007 - ref. DIN 54231-2022
CW1212 *	Water quality -Determination of Navy Blue Colorant	EPA 3535A:2007 + EPA 8321B:2007 - ref. DIN 54231-2022
CW1213 *	Water quality -Determination of Chlorinated Paraffins (SCCP - MCCP - LCCP)	EPA 3510C:1996 - ref. ISO 18219-1/2 (solvent extraction / GC-MS)
CW1216 *	Water quality -Determination of Glycols	EPA 3535AC:2007 + EPA 8270E:2018
CW1250 *	Water: Determination of Triclosan	EPA 3535A:2007 + EPA 8321B2007 - ref. DIN 54231-2022
CW1251 *	Water: Determination of Permethrin	EPA 3510C:1996 + EPA 8321B2007 - ref. EPA 8270E:2018
CW1252 *	Water: Determination of Flame Retardant	EPA 3510C:1996 + EPA 8270E:2018 - ref. ISO 17881-1:2016 / EPA 3510C:1996 + EPA 8321B:2007 - ref. ISO 17881-2:2016 / Boron and Borate salts: acid digestion + ISO 17072-

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		2:2022 / EN 71-3:2021
CW1262	Water: Determination of OPP	EPA 3510C:1996 + EPA 8270E:2018
CW1263 *	Water: Determination of N,N-dimethylformamide	EPA 3510C:1996 + EPA 8270E:2018 - ref. ISO 16189:2021
CW1264 *	Water: Determination of AEEA [2-(2-aminoethylamino)ethanol]	EPA 3535A:2007 / ref. DIN 54231:2022 (solvent extraction / LC-MSMS)
CW1265 *	Water: Determination of UV Absorbers	EPA 3510C:1996 + EPA 8321B:2007 - ref. DIN 54231-2022
CW1266 *	Water: Determination of Bisphenol A	EPA 3535A:2007 / ref. DIN 54231:2022 (solvent extraction / LC-MSMS)
CW1267 *	Water: Determination of Thiourea	EPA 3535A:2007 / ref. DIN 54231:2022 (solvent extraction / LC-MSMS)
CW1268 *	Water: Determination of Quinoline	EPA 3535A:2007 / ref. DIN 54231:2022 (solvent extraction / LC-MSMS)
CW1269 *	Water: Determination of Borate, zinc salt	ref. EPA 200.8 / EN 71-3:2021 (acid digestion / ICP-MS)

**General Remarks**

The results included in this report refer exclusively to the materials submitted by the Client as received; TIL does not collect and / or sample the material covered by the testing, therefore, any representativeness of the material analyzed, in relation to one or different lots, is exclusive responsibility of the customer.

(#) Data provided by the Customer. In addition, when information is provided by the Customer and may influence the validity of the results, the Laboratory declines any responsibility.

The expanded uncertainty, available on request, is calculated with a cover factor  $k=2$  for a level of confidence of 95%.

For qualitative tests and for tests in which the result is expressed by numerical or attribute evaluation indices, the expanded uncertainty is not applicable.

The materials sent to TIL and tested will be kept available to the Customer for a period of 3 (three) months after completion of the Services; after this period all materials will be disposed of by TIL.

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**The Decision/making rules**

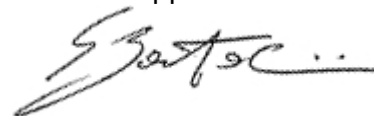
Unless otherwise requested by the customer, for physical-mechanical, flammability and colour/fastness tests, the Laboratory expresses the compliance not taking into account the uncertainty associated with the result. Uncertainty of method is available at customer request.

For all other tests, where the decision rule is not defined by test method, the laboratory adopts a decision rule applying the "guard band" approach. This decision rule is described in the "conformity analysis" procedure adopting an unilateral  $K$ /coverage factor of 1,645 for a confidence level of 95%.

\* Test not accredited by ACCREDIA

**Technical Manager**

Giuseppe Bartolini



Summary Results Evaluation based on PRSL

ZDHC - Waste Water Guideline vers. 2.1 - Textile - ZDHC - Waste Water Guideline vers. 2.1 - Foundational

Rev. 2 del 21/03/2022

Item	Sample	Pass	Fail	Not applied
A	POZZETTO ACQUA DI SCARICO	233 Pass	6 Fail	1 NA
	CW1200 - Nonylphenols (NP) (linear and branched) <=5		23,50 µg/L	
	CW1252 - Boric Acid (as B) <=100		444,0 µg/L	
	CW1252 - Diboron trioxide (as B) <=100		500,1 µg/L	
	CW1252 - Disodium octaborate (as B) <=100		1327,1 µg/L	
	CW1252 - Disodium tetraborate, anhydrous (as B) <=100		1289,7 µg/L	
	CW1252 - Tetraboron disodium heptaoxide, hydrate (as B) <=25		1574,3 µg/L	

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**Evaluation Results Sample**  
**POZZETTO ACQUA DI SCARICO**

Rev. 0 del 06/04/2020

Item	Test Method	Parameter	Limits	Value	P/F
CW1070	Water quality -Determination of Polycyclic Aromatic Hydrocarbons (PAH)	Acenaftene	<=1 µg/L	Not Detectable	PASS
CW1070	Water quality -Determination of Polycyclic Aromatic Hydrocarbons (PAH)	Acenaphtylene	<=1 µg/L	Not Detectable	PASS
CW1070	Water quality -Determination of Polycyclic Aromatic Hydrocarbons (PAH)	Anthracene	<=1 µg/L	Not Detectable	PASS
CW1070	Water quality -Determination of Polycyclic Aromatic Hydrocarbons (PAH)	Benz[a]anthracene	<=1 µg/L	Not Detectable	PASS
CW1070	Water quality -Determination of Polycyclic Aromatic Hydrocarbons (PAH)	Benzo[a]pyrene	<=1 µg/L	Not Detectable	PASS
CW1070	Water quality -Determination of Polycyclic Aromatic Hydrocarbons (PAH)	Benzo[b]fluoranthene	<=1 µg/L	Not Detectable	PASS
CW1070	Water quality -Determination of Polycyclic Aromatic Hydrocarbons (PAH)	Benzo[e]Pyrene	<=1 µg/L	Not Detectable	PASS
CW1070	Water quality -Determination of Polycyclic Aromatic Hydrocarbons (PAH)	Benzo[ghi]perylene	<=1 µg/L	Not Detectable	PASS
CW1070	Water quality -Determination of Polycyclic Aromatic Hydrocarbons (PAH)	Benzo[j]fluoranthene	<=1 µg/L	Not Detectable	PASS
CW1070	Water quality -Determination of Polycyclic Aromatic Hydrocarbons (PAH)	Benzo[k]Fluoranthene	<=1 µg/L	Not Detectable	PASS
CW1070	Water quality -Determination of Polycyclic Aromatic Hydrocarbons (PAH)	Chrysene	<=1 µg/L	Not Detectable	PASS
CW1070	Water quality -Determination of Polycyclic Aromatic Hydrocarbons (PAH)	Fluoranthene	<=1 µg/L	Not Detectable	PASS
CW1070	Water quality -Determination of Polycyclic Aromatic Hydrocarbons (PAH)	Fluorene	<=1 µg/L	Not Detectable	PASS
CW1070	Water quality -Determination of Polycyclic Aromatic Hydrocarbons (PAH)	Indeno(1,2,3-cd)Pyrene	<=1 µg/L	Not Detectable	PASS
CW1070	Water quality -Determination of Polycyclic Aromatic Hydrocarbons (PAH)	Phenanthrene	<=1 µg/L	Not Detectable	PASS
CW1070	Water quality -Determination of Polycyclic Aromatic Hydrocarbons (PAH)	Pyrene	<=1 µg/L	Not Detectable	PASS
CW1200	Water quality -Determination of Alkylphenols	Nonylphenols (NP) (linear and branched)	<=5 µg/L	23,50 µg/L	FAIL
CW1200	Water quality -Determination of Alkylphenols	Octylphenols (OP) (linear and branched)	<=5 µg/L	Not Detectable	PASS
CW1201	Water quality -Determination of Ethoxylated Alkylphenols (APEOS)	Ethoxylated Nonylphenols (NPEO3-20)	<=5 µg/L	Not Detectable	PASS
CW1201	Water quality -Determination of Ethoxylated Alkylphenols (APEOS)	Ethoxylated Octylphenols (OPEO3-20)	<=5 µg/L	Not Detectable	PASS
CW1201	Water quality -Determination of Ethoxylated Alkylphenols (APEOS)	Nonylphenol diethoxylate (NPEO2)	<=5 µg/L	Not Detectable	PASS

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CW1201	Water quality -Determination of Ethoxylated Alkylphenols (APEOS)	Nonylphenol monoethoxylate (NPEO1)	<=5 µg/L	Not Detectable	PASS
CW1201	Water quality -Determination of Ethoxylated Alkylphenols (APEOS)	Octylphenol diethoxylate (OPEO2)	<=5 µg/L	Not Detectable	PASS
CW1201	Water quality -Determination of Ethoxylated Alkylphenols (APEOS)	Octylphenol monoethoxylate (OPEO1)	<=5 µg/L	Not Detectable	PASS
CW1203	Water quality -Determination of Volatile Organic Compounds (VOC)	1,2-Dichloroethane (as halogenated solvent)	<=1 µg/L	Not Detectable	PASS
CW1203	Water quality -Determination of Volatile Organic Compounds (VOC)	Benzene (as VOC)	<=1 µg/L	Not Detectable	PASS
CW1203	Water quality -Determination of Volatile Organic Compounds (VOC)	dichloromethane (as halogenated solvents)	<=1 µg/L	Not Detectable	PASS
CW1203	Water quality -Determination of Volatile Organic Compounds (VOC)	m-cresolo (as VOC)	<=1 µg/L	Not Detectable	PASS
CW1203	Water quality -Determination of Volatile Organic Compounds (VOC)	o-cresol (as VOC)	<=1 µg/L	Not Detectable	PASS
CW1203	Water quality -Determination of Volatile Organic Compounds (VOC)	p-cresol (as VOC)	<=1 µg/L	Not Detectable	PASS
CW1203	Water quality -Determination of Volatile Organic Compounds (VOC)	Tetrachloroethylene (as halogenated solvents)	<=1 µg/L	Not Detectable	PASS
CW1203	Water quality -Determination of Volatile Organic Compounds (VOC)	Trichloroethylene (as halogenated solvents)	<=1 µg/L	Not Detectable	PASS
CW1204	Water quality -Determination of Chlorinated Benzenes and toluenes	1,2,3,4-Tetrachlorobenzene	<=0,2 µg/L	Not Detectable	PASS
CW1204	Water quality -Determination of Chlorinated Benzenes and toluenes	1,2,3,5 tetrachlorobenzene	<=0,2 µg/L	Not Detectable	PASS
CW1204	Water quality -Determination of Chlorinated Benzenes and toluenes	1,2,3-trichlorobenzene	<=0,2 µg/L	Not Detectable	PASS
CW1204	Water quality -Determination of Chlorinated Benzenes and toluenes	1,2,4,5 tetrachlorobenzene	<=0,2 µg/L	Not Detectable	PASS
CW1204	Water quality -Determination of Chlorinated Benzenes and toluenes	1,2,4-trichlorobenzene	<=0,2 µg/L	Not Detectable	PASS
CW1204	Water quality -Determination of Chlorinated Benzenes and toluenes	1,2-dichlorobenzene	<=0,2 µg/L	Not Detectable	PASS
CW1204	Water quality -Determination of Chlorinated Benzenes and toluenes	1,3,5-trichlorobenzene	<=0,2 µg/L	Not Detectable	PASS
CW1204	Water quality -Determination of Chlorinated Benzenes and toluenes	1,3-dichlorobenzene	<=0,2 µg/L	Not Detectable	PASS
CW1204	Water quality -Determination of Chlorinated Benzenes and toluenes	1,4-dichlorobenzene	<=0,2 µg/L	Not Detectable	PASS
CW1204	Water quality -Determination of Chlorinated Benzenes and toluenes	2,3,4,5-tetrachlorotoluene	<=0,2 µg/L	Not Detectable	PASS
CW1204	Water quality -Determination of Chlorinated Benzenes and toluenes	2,3,4,6-tetrachlorotoluene	<=0,2 µg/L	Not Detectable	PASS
CW1204	Water quality -Determination of Chlorinated Benzenes and toluenes	2,3,4-trichlorotoluene	<=0,2 µg/L	Not Detectable	PASS
CW1204	Water quality -Determination of Chlorinated Benzenes and toluenes	2,3,5,6-tetrachlorotoluene	<=0,2 µg/L	Not Detectable	PASS
CW1204	Water quality -Determination of Chlorinated Benzenes and toluenes	2,3,6-Trichlorotoluene	<=0,2 µg/L	Not Detectable	PASS
CW1204	Water quality -Determination of Chlorinated Benzenes and toluenes	2,4,5-trichlorotoluene	<=0,2 µg/L	Not Detectable	PASS
CW1204	Water quality -Determination of Chlorinated Benzenes and toluenes	2,4,6-trichlorotoluene	<=0,2 µg/L	Not Detectable	PASS
CW1204	Water quality -Determination of Chlorinated Benzenes and toluenes	2,4-dichlorotoluene	<=0,2 µg/L	Not Detectable	PASS
CW1204	Water quality -Determination of Chlorinated Benzenes and toluenes	2,5-dichlorotoluene	<=0,2 µg/L	Not Detectable	PASS
CW1204	Water quality -Determination of Chlorinated Benzenes and toluenes	2,6-dichlorotoluene	<=0,2 µg/L	Not Detectable	PASS
CW1204	Water quality -Determination of Chlorinated Benzenes and toluenes	2-chlorotoluene	<=0,2 µg/L	Not Detectable	PASS
CW1204	Water quality -Determination of Chlorinated Benzenes and toluenes	3,4,5-trichlorotoluene	<=0,2 µg/L	Not Detectable	PASS
CW1204	Water quality -Determination of Chlorinated Benzenes and toluenes	3,4-dichlorotoluene	<=0,2 µg/L	Not Detectable	PASS

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Subject to the direction and coordination of Kering Holland NV,  
a Dutch company with registered offices in Amsterdam

Lab:  
Viale Montegrappa, 318/320  
59100 Prato [ PO ]

Head office:  
Via Pantin, 1  
50018 Scandicci [ FI ]

Tel: [ +39 ] 0574 1770001  
Fax: [ +39 ] 0574 1770019

E-mail: info@labtil.com  
PEC: testinnovationlab@legalmail.it

www.labtil.com



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	<i>Chlorinated Benzenes and toluenes</i>				
CW1204	Water quality -Determination of Chlorinated Benzenes and toluenes	3,5-dichlorotoluene	<=0,2 µg/L	Not Detectable	PASS
CW1204	Water quality -Determination of Chlorinated Benzenes and toluenes	3-chlorotoluene	<=0,2 µg/L	Not Detectable	PASS
CW1204	Water quality -Determination of Chlorinated Benzenes and toluenes	4-chlorotoluene	<=0,2 µg/L	Not Detectable	PASS
CW1204	Water quality -Determination of Chlorinated Benzenes and toluenes	chlorobenzene	<=0,2 µg/L	Not Detectable	PASS
CW1204	Water quality -Determination of Chlorinated Benzenes and toluenes	Hexachlorobenzene	<=0,2 µg/L	Not Detectable	PASS
CW1204	Water quality -Determination of Chlorinated Benzenes and toluenes	Pentachlorobenzene	<=0,2 µg/L	Not Detectable	PASS
CW1204	Water quality -Determination of Chlorinated Benzenes and toluenes	Pentachlorotoluene	<=0,2 µg/L	Not Detectable	PASS
CW1205	Water quality -Determination of Chlorophenols	2,3,4,5-Tetrachlorophenol	<=0,5 µg/L	Not Detectable	PASS
CW1205	Water quality -Determination of Chlorophenols	2,3,4,6-Tetrachlorophenol	<=0,5 µg/L	Not Detectable	PASS
CW1205	Water quality -Determination of Chlorophenols	2,3,4-Trichlorophenol	<=0,5 µg/L	Not Detectable	PASS
CW1205	Water quality -Determination of Chlorophenols	2,3,5,6-Tetrachlorophenol	<=0,5 µg/L	Not Detectable	PASS
CW1205	Water quality -Determination of Chlorophenols	2,3,5-Trichlorophenol	<=0,5 µg/L	Not Detectable	PASS
CW1205	Water quality -Determination of Chlorophenols	2,3,6 Trichlorophenol	<=0,5 µg/L	Not Detectable	PASS
CW1205	Water quality -Determination of Chlorophenols	2,3-Dichlorophenol	<=0,5 µg/L	Not Detectable	PASS
CW1205	Water quality -Determination of Chlorophenols	2,4,5-Trichlorophenol	<=0,5 µg/L	Not Detectable	PASS
CW1205	Water quality -Determination of Chlorophenols	2,4,6-Trichlorophenol	<=0,5 µg/L	Not Detectable	PASS
CW1205	Water quality -Determination of Chlorophenols	2,4-Dichlorophenol	<=0,5 µg/L	Not Detectable	PASS
CW1205	Water quality -Determination of Chlorophenols	2,5-Dichlorophenol	<=0,5 µg/L	Not Detectable	PASS
CW1205	Water quality -Determination of Chlorophenols	2,6-Dichlorophenol	<=0,5 µg/L	Not Detectable	PASS
CW1205	Water quality -Determination of Chlorophenols	2-Chlorophenol	<=0,5 µg/L	Not Detectable	PASS
CW1205	Water quality -Determination of Chlorophenols	3,4,5-Trichlorophenol	<=0,5 µg/L	Not Detectable	PASS
CW1205	Water quality -Determination of Chlorophenols	3,4-Dichlorophenol	<=0,5 µg/L	Not Detectable	PASS
CW1205	Water quality -Determination of Chlorophenols	3,5-Dichlorophenol	<=0,5 µg/L	Not Detectable	PASS
CW1205	Water quality -Determination of Chlorophenols	3-Chlorophenol	<=0,5 µg/L	Not Detectable	PASS
CW1205	Water quality -Determination of Chlorophenols	4-Chlorophenol	<=0,5 µg/L	Not Detectable	PASS
CW1205	Water quality -Determination of Chlorophenols	Pentachlorophenol	<=0,5 µg/L	Not Detectable	PASS
CW1206	Water quality -Determination of Organotin Compounds	Dibutyl Tin (DBT)	<=0,01 µg/L	Not Detectable	PASS
CW1206	Water quality -Determination of Organotin Compounds	Dimethyl Tin (DMT)	<=0,01 µg/L	Not Detectable	PASS
CW1206	Water quality -Determination of Organotin Compounds	Diocetyl Tin (DOT)	<=0,01 µg/L	Not Detectable	PASS
CW1206	Water quality -Determination of Organotin Compounds	Diphenyl Tin (DPhT)	<=0,01 µg/L	Not Detectable	PASS
CW1206	Water quality -Determination of Organotin Compounds	Dipropyl Tin (DProT)	<=0,01 µg/L	Not Detectable	PASS
CW1206	Water quality -Determination of Organotin Compounds	Monobutyl Tin (MBT)	<=0,01 µg/L	Not Detectable	PASS

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CW1206	Water quality -Determination of Organotin Compounds	Monomethyl Tin (MMT)	<=0,01 µg/L	Not Detectable	PASS
CW1206	Water quality -Determination of Organotin Compounds	Monooctyl Tin (MOT)	<=0,01 µg/L	Not Detectable	PASS
CW1206	Water quality -Determination of Organotin Compounds	Monophenyl tin (MPhT)	<=0,01 µg/L	Not Detectable	PASS
CW1206	Water quality -Determination of Organotin Compounds	Tetrabutyl Tin (TeBT)	<=0,01 µg/L	Not Detectable	PASS
CW1206	Water quality -Determination of Organotin Compounds	Tetraethyl tin (TET)	<=0,01 µg/L	Not Detectable	PASS
CW1206	Water quality -Determination of Organotin Compounds	Tetraoctyl tin (TeOT)	<=0,01 µg/L	Not Detectable	PASS
CW1206	Water quality -Determination of Organotin Compounds	Tributyl Tin (TBT)	<=0,01 µg/L	Not Detectable	PASS
CW1206	Water quality -Determination of Organotin Compounds	Tricyclohexyl Tin (TCyT)	<=0,01 µg/L	Not Detectable	PASS
CW1206	Water quality -Determination of Organotin Compounds	Trimethyl Tin (TMT)	<=0,01 µg/L	Not Detectable	PASS
CW1206	Water quality -Determination of Organotin Compounds	Trioctyl Tin (TOT)	<=0,01 µg/L	Not Detectable	PASS
CW1206	Water quality -Determination of Organotin Compounds	Triphenyl Tin (TPhT)	<=0,01 µg/L	Not Detectable	PASS
CW1206	Water quality -Determination of Organotin Compounds	Tripropyl Tin (TPT)	<=0,01 µg/L	Not Detectable	PASS
CW1207	Water quality -Determination of Polyfluorinated and Perfluorinated Compounds (PFC)	Perfluoro octanoic acid (PFOA)	<=0,01 µg/L	Not Detectable	PASS
CW1207	Water quality -Determination of Polyfluorinated and Perfluorinated Compounds (PFC)	Perfluorooctane sulfonic acid (PFOS)	<=0,01 µg/L	Not Detectable	PASS
CW1208	Water quality -Determination of Phthalates	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	<=10 µg/L	Not Detectable	PASS
CW1208	Water quality -Determination of Phthalates	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DNHUP)	<=10 µg/L	Not Detectable	PASS
CW1208	Water quality -Determination of Phthalates	Benzyl butyl phthalate (BBP)	<=10 µg/L	Not Detectable	PASS
CW1208	Water quality -Determination of Phthalates	Di-(2-ethylhexyl)phthalate (DEHP)	<=10 µg/L	Not Detectable	PASS
CW1208	Water quality -Determination of Phthalates	Di-(2-methoxyethyl) phthalate (DMEP)	<=10 µg/L	Not Detectable	PASS
CW1208	Water quality -Determination of Phthalates	Dibutyl phthalate (DBP)	<=10 µg/L	Not Detectable	PASS
CW1208	Water quality -Determination of Phthalates	Dicyclohexyl phthalate (DCHP)	<=10 µg/L	Not Detectable	PASS
CW1208	Water quality -Determination of Phthalates	Di-ethylphthalate (DETP)	<=10 µg/L	Not Detectable	PASS
CW1208	Water quality -Determination of Phthalates	Dihexyl phthalate (DHP)	<=10 µg/L	Not Detectable	PASS
CW1208	Water quality -Determination of Phthalates	Di-isobutyl phthalate (DIBP)	<=10 µg/L	Not Detectable	PASS
CW1208	Water quality -Determination of Phthalates	Di-iso-decylphthalate (DIDP)	<=10 µg/L	Not Detectable	PASS
CW1208	Water quality -Determination of Phthalates	Di-iso-nonylphthalate (DINP)	<=10 µg/L	Not Detectable	PASS
CW1208	Water quality -Determination of Phthalates	Di-iso-octylphthalate (DIOP)	<=10 µg/L	Not Detectable	PASS
CW1208	Water quality -Determination of Phthalates	Di-isopentyl phthalate (DIPP)	<=10 µg/L	Not Detectable	PASS
CW1208	Water quality -Determination of Phthalates	Di-methyl-Phthalate (DMP)	<=10 µg/L	Not Detectable	PASS
CW1208	Water quality -Determination of Phthalates	Di-n-octylphthalate (DNOP)	<=10 µg/L	Not Detectable	PASS

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CW1208	Water quality -Determination of Phthalates	Di-nonylphthalate (DNP)	<=10 µg/L	Not Detectable	PASS
CW1208	Water quality -Determination of Phthalates	Di-n-propylphthalate (DPRP)	<=10 µg/L	Not Detectable	PASS
CW1208	Water quality -Determination of Phthalates	Dipentyl phthalate (DPP)	<=10 µg/L	Not Detectable	PASS
CW1209	Water quality -Determination of Aromatic amines derived from azo-dyes	2,4,5-trimethylaniline / 2,4,5-trimethylaniline hydrochloride	<=0,1 µg/L	Not Detectable	PASS
CW1209	Water quality -Determination of Aromatic amines derived from azo-dyes	2,4-xylidine	<=0,1 µg/L	Not Detectable	PASS
CW1209	Water quality -Determination of Aromatic amines derived from azo-dyes	2,6-xylidine	<=0,1 µg/L	Not Detectable	PASS
CW1209	Water quality -Determination of Aromatic amines derived from azo-dyes	2-naphtylamine / 2-Naphthylammoniumacetate	<=0,1 µg/L	Not Detectable	PASS
CW1209	Water quality -Determination of Aromatic amines derived from azo-dyes	3,3'-dichlorobenzidine	<=0,1 µg/L	Not Detectable	PASS
CW1209	Water quality -Determination of Aromatic amines derived from azo-dyes	3,3'-dimethoxybenzidine	<=0,1 µg/L	Not Detectable	PASS
CW1209	Water quality -Determination of Aromatic amines derived from azo-dyes	3,3-dimethylbenzidine	<=0,1 µg/L	Not Detectable	PASS
CW1209	Water quality -Determination of Aromatic amines derived from azo-dyes	4,4'-diaminodiphenylmethane	<=0,1 µg/L	Not Detectable	PASS
CW1209	Water quality -Determination of Aromatic amines derived from azo-dyes	4,4'-methylene-bis-(2-chloro-aniline)	<=0,1 µg/L	Not Detectable	PASS
CW1209	Water quality -Determination of Aromatic amines derived from azo-dyes	4,4'-methylenedi-o-toluidine	<=0,1 µg/L	Not Detectable	PASS
CW1209	Water quality -Determination of Aromatic amines derived from azo-dyes	4,4'-oxydianiline	<=0,1 µg/L	Not Detectable	PASS
CW1209	Water quality -Determination of Aromatic amines derived from azo-dyes	4,4'-thiodianiline	<=0,1 µg/L	Not Detectable	PASS
CW1209	Water quality -Determination of Aromatic amines derived from azo-dyes	4-aminoazobenzene	<=0,1 µg/L	Not Detectable	PASS
CW1209	Water quality -Determination of Aromatic amines derived from azo-dyes	4-aminobiphenyl	<=0,1 µg/L	Not Detectable	PASS
CW1209	Water quality -Determination of Aromatic amines derived from azo-dyes	4-chloroaniline	<=0,1 µg/L	Not Detectable	PASS
CW1209	Water quality -Determination of Aromatic amines derived from azo-dyes	4-chloro-o-toluidine / 4-chloro-o-toluidinium chloride	<=0,1 µg/L	Not Detectable	PASS
CW1209	Water quality -Determination of Aromatic amines derived from azo-dyes	4-methoxy-m-phenylenediamine / 4-methoxy-m-phenylene diammonium sulphate;	<=0,1 µg/L	Not Detectable	PASS
CW1209	Water quality -Determination of Aromatic amines derived from azo-dyes	4-methyl-m-phenylenediamine	<=0,1 µg/L	Not Detectable	PASS
CW1209	Water quality -Determination of Aromatic amines derived from azo-dyes	5-nitro-o-toluidine	<=0,1 µg/L	Not Detectable	PASS
CW1209	Water quality -Determination of	benzidine	<=0,1 µg/L	Not Detectable	PASS



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	<i>Aromatic amines derived from azo-dyes</i>				
CW1209	<i>Water quality -Determination of Aromatic amines derived from azo-dyes</i>	<i>o-aminoazotoluene</i>	<i>&lt;=0,1 µg/L</i>	<i>Not Detectable</i>	<b>PASS</b>
CW1209	<i>Water quality -Determination of Aromatic amines derived from azo-dyes</i>	<i>o-anisidine</i>	<i>&lt;=0,1 µg/L</i>	<i>Not Detectable</i>	<b>PASS</b>
CW1209	<i>Water quality -Determination of Aromatic amines derived from azo-dyes</i>	<i>o-toluidine</i>	<i>&lt;=0,1 µg/L</i>	<i>Not Detectable</i>	<b>PASS</b>
CW1209	<i>Water quality -Determination of Aromatic amines derived from azo-dyes</i>	<i>p-cresidine</i>	<i>&lt;=0,1 µg/L</i>	<i>Not Detectable</i>	<b>PASS</b>
CW1210	<i>Water quality -Determination of Allergenic Disperse Dyes</i>	<i>Disperse Blue 102</i>	<i>&lt;=50 µg/L</i>	<i>Not Detectable</i>	<b>PASS</b>
CW1210	<i>Water quality -Determination of Allergenic Disperse Dyes</i>	<i>Disperse Blue 106</i>	<i>&lt;=50 µg/L</i>	<i>Not Detectable</i>	<b>PASS</b>
CW1210	<i>Water quality -Determination of Allergenic Disperse Dyes</i>	<i>Disperse Blue 124</i>	<i>&lt;=50 µg/L</i>	<i>Not Detectable</i>	<b>PASS</b>
CW1210	<i>Water quality -Determination of Allergenic Disperse Dyes</i>	<i>Disperse Blue 26 (CI 63.305)</i>	<i>&lt;=50 µg/L</i>	<i>Not Detectable</i>	<b>PASS</b>
CW1210	<i>Water quality -Determination of Allergenic Disperse Dyes</i>	<i>Disperse Blue 35</i>	<i>&lt;=50 µg/L</i>	<i>Not Detectable</i>	<b>PASS</b>
CW1210	<i>Water quality -Determination of Allergenic Disperse Dyes</i>	<i>Disperse Blue 7 (CI 62.500)</i>	<i>&lt;=50 µg/L</i>	<i>Not Detectable</i>	<b>PASS</b>
CW1210	<i>Water quality -Determination of Allergenic Disperse Dyes</i>	<i>Disperse Brown 1 (CI 11152:1)</i>	<i>&lt;=50 µg/L</i>	<i>Not Detectable</i>	<b>PASS</b>
CW1210	<i>Water quality -Determination of Allergenic Disperse Dyes</i>	<i>Disperse Orange 1 (CI 11.080)</i>	<i>&lt;=50 µg/L</i>	<i>Not Detectable</i>	<b>PASS</b>
CW1210	<i>Water quality -Determination of Allergenic Disperse Dyes</i>	<i>Disperse Orange 3 (CI 11.005)</i>	<i>&lt;=50 µg/L</i>	<i>Not Detectable</i>	<b>PASS</b>
CW1210	<i>Water quality -Determination of Allergenic Disperse Dyes</i>	<i>Disperse Orange 76/37 (CI 11.132)</i>	<i>&lt;=50 µg/L</i>	<i>Not Detectable</i>	<b>PASS</b>
CW1210	<i>Water quality -Determination of Allergenic Disperse Dyes</i>	<i>Disperse Red 1 (CI 11.110)</i>	<i>&lt;=50 µg/L</i>	<i>Not Detectable</i>	<b>PASS</b>
CW1210	<i>Water quality -Determination of Allergenic Disperse Dyes</i>	<i>Disperse Red 11 (CI 62.015)</i>	<i>&lt;=50 µg/L</i>	<i>Not Detectable</i>	<b>PASS</b>
CW1210	<i>Water quality -Determination of Allergenic Disperse Dyes</i>	<i>Disperse Red 17 (CI 11.210)</i>	<i>&lt;=50 µg/L</i>	<i>Not Detectable</i>	<b>PASS</b>
CW1210	<i>Water quality -Determination of Allergenic Disperse Dyes</i>	<i>Disperse Yellow 1 (CI 10.345)</i>	<i>&lt;=50 µg/L</i>	<i>Not Detectable</i>	<b>PASS</b>
CW1210	<i>Water quality -Determination of Allergenic Disperse Dyes</i>	<i>Disperse Yellow 3 (CI 11.855)</i>	<i>&lt;=50 µg/L</i>	<i>Not Detectable</i>	<b>PASS</b>
CW1210	<i>Water quality -Determination of Allergenic Disperse Dyes</i>	<i>Disperse Yellow 39</i>	<i>&lt;=50 µg/L</i>	<i>Not Detectable</i>	<b>PASS</b>
CW1210	<i>Water quality -Determination of Allergenic Disperse Dyes</i>	<i>Disperse Yellow 49</i>	<i>&lt;=50 µg/L</i>	<i>Not Detectable</i>	<b>PASS</b>
CW1210	<i>Water quality -Determination of Allergenic Disperse Dyes</i>	<i>Disperse Yellow 9 (CI 10.375)</i>	<i>&lt;=50 µg/L</i>	<i>Not Detectable</i>	<b>PASS</b>
CW1211	<i>Water quality -Determination of Carcinogenic Dyes</i>	<i>Acid Red 26 (CI 16.150)</i>	<i>&lt;=500 µg/L</i>	<i>Not Detectable</i>	<b>PASS</b>
CW1211	<i>Water quality -Determination of Carcinogenic Dyes</i>	<i>Acid Violet 49 (CI 42.640)</i>	<i>&lt;=500 µg/L</i>	<i>Not Detectable</i>	<b>PASS</b>
CW1211	<i>Water quality -Determination of Carcinogenic Dyes</i>	<i>Basic Blue 26 (CI 44.045) with &gt; 0,1% of michler's ketone</i>	<i>&lt;=500 µg/L</i>	<i>Not Detectable</i>	<b>PASS</b>
CW1211	<i>Water quality -Determination of Carcinogenic Dyes</i>	<i>Basic Green 4 (as chloride - CI 42.000)</i>	<i>&lt;=500 µg/L</i>	<i>Not Detectable</i>	<b>PASS</b>
CW1211	<i>Water quality -Determination of Carcinogenic Dyes</i>	<i>Basic Green 4 (as oxalate - CI 42.000)</i>	<i>&lt;=500 µg/L</i>	<i>Not Detectable</i>	<b>PASS</b>
CW1211	<i>Water quality -Determination of Carcinogenic Dyes</i>	<i>Basic Green 4 (CI 42.000)</i>	<i>&lt;=500 µg/L</i>	<i>Not Detectable</i>	<b>PASS</b>
CW1211	<i>Water quality -Determination of Carcinogenic Dyes</i>	<i>Basic Red 9(CI 42.500)</i>	<i>&lt;=500 µg/L</i>	<i>Not Detectable</i>	<b>PASS</b>

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CW1211	Water quality -Determination of Carcinogenic Dyes	Basic Violet 14 (CI 42.510)	<=500 µg/L	Not Detectable	PASS
CW1211	Water quality -Determination of Carcinogenic Dyes	Basic Violet 3 (CI 42.555) with >0,1% of Michler's ketone	<=500 µg/L	Not Detectable	PASS
CW1211	Water quality -Determination of Carcinogenic Dyes	Direct Black 38 (CI 30.235)	<=500 µg/L	Not Detectable	PASS
CW1211	Water quality -Determination of Carcinogenic Dyes	Direct Blue 6 (CI 22.610)	<=500 µg/L	Not Detectable	PASS
CW1211	Water quality -Determination of Carcinogenic Dyes	Direct Red 28 (CI 22.120)	<=500 µg/L	Not Detectable	PASS
CW1212	Water quality -Determination of Navy Blue Colorant	Navy Blue Colorant	<=500 µg/L	Not Detectable	PASS
CW1213	Water quality -Determination of Chlorinated Paraffins (SCCP - MCCP - LCCP)	Medium chain chlorinated Paraffins C14-C17 (MCCP)	<=500 µg/L	Not Detectable	PASS
CW1213	Water quality -Determination of Chlorinated Paraffins (SCCP - MCCP - LCCP)	Short chain chlorinated Paraffins C10-C13 (SCCP)	<=25 µg/L	Not Detectable	PASS
CW1216	Water quality -Determination of Glycols	1,2-bis(2-methoxyethoxy)ethane [triglyme (TEGDME)]	<=50 µg/L	Not Detectable	PASS
CW1216	Water quality -Determination of Glycols	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	<=50 µg/L	Not Detectable	PASS
CW1216	Water quality -Determination of Glycols	2-Ethoxyethanol	<=50 µg/L	Not Detectable	PASS
CW1216	Water quality -Determination of Glycols	2-Ethoxyethyl acetate	<=50 µg/L	Not Detectable	PASS
CW1216	Water quality -Determination of Glycols	2-Methoxyethanol	<=50 µg/L	Not Detectable	PASS
CW1216	Water quality -Determination of Glycols	2-methoxyethylacetate	<=50 µg/L	Not Detectable	PASS
CW1216	Water quality -Determination of Glycols	2-methoxypropylacetate	<=50 µg/L	Not Detectable	PASS
CW1216	Water quality -Determination of Glycols	Bis(2-methoxyethyl)ether	<=50 µg/L	Not Detectable	PASS
CW1250	Water: Determination of Triclosan	Triclosan	<=100 µg/L	Not Detectable	PASS
CW1251	Water: Determination of Permethrin	Permethrin	<=500 µg/L	Not Detectable	PASS
CW1252	Water: Determination of Flame Retardant	2,2',3,3',4,4',5,5',6-Nonabromobiphenyl (PBB 206)	<=25 µg/L	Not Detectable	PASS
CW1252	Water: Determination of Flame Retardant	2,2',3,3',4,4',5,5'-Octabromobiphenyl (PBB 194)	<=25 µg/L	Not Detectable	PASS
CW1252	Water: Determination of Flame Retardant	2,2-bis(bromomethyl)-1,3-propanediol (BBMP)	<=25 µg/L	Not Detectable	PASS
CW1252	Water: Determination of Flame Retardant	2,4,4'-Tribromodiphenyl ether (BDE 28)	<=25 µg/L	Not Detectable	PASS
CW1252	Water: Determination of Flame Retardant	4,4'-Dibromobiphenyl (PBB 15)	<=25 µg/L	Not Detectable	PASS
CW1252	Water: Determination of Flame Retardant	4-Bromobiphenyl (PBB 3)	<=25 µg/L	Not Detectable	PASS
CW1252	Water: Determination of Flame Retardant	4-Bromodiphenyl ether (BDE 3)	<=25 µg/L	Not Detectable	PASS
CW1252	Water: Determination of Flame Retardant	Bis(2,3-dibromopropyl ether) of tetrabromobisphenol (BDBPT)	<=25 µg/L	Not Detectable	PASS
CW1252	Water: Determination of Flame Retardant	Bis(2,3-dibromopropyl) phosphate (BBP)	<=25 µg/L	Not Detectable	PASS
CW1252	Water: Determination of Flame Retardant	Boric Acid (as B)	<=100 µg/L	444,0 µg/L	FAIL
CW1252	Water: Determination of Flame Retardant	Decabromobiphenyl (PBB 209)	<=25 µg/L	Not Detectable	PASS
CW1252	Water: Determination of Flame Retardant	Decabromodiphenyl ether (BDE 209)	<=25 µg/L	Not Detectable	PASS
CW1252	Water: Determination of Flame Retardant	Diboron trioxide (as B)	<=100 µg/L	500,1 µg/L	FAIL
CW1252	Water: Determination of Flame Retardant	Disodium octaborate (as B)	<=100 µg/L	1327,1 µg/L	FAIL

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CW1252	Water: Determination of Flame Retardant	Disodium tetraborate, anhydrous (as B)	<=100 µg/L	1289,7 µg/L	FAIL
CW1252	Water: Determination of Flame Retardant	Heptabromo diphenyl ethers (HeptaBDE)	<=25 µg/L	Not Detectable	PASS
CW1252	Water: Determination of Flame Retardant	Hexabromo diphenyl ethers (HexaBDE)	<=25 µg/L	Not Detectable	PASS
CW1252	Water: Determination of Flame Retardant	Hexabromocyclododecane (HBCDD)	<=25 µg/L	Not Detectable	PASS
CW1252	Water: Determination of Flame Retardant	Nonabromo diphenyl ethers (NonaBDE)	<=25 µg/L	Not Detectable	PASS
CW1252	Water: Determination of Flame Retardant	Octabromodiphenyl Ether (OctaBDE)	<=25 µg/L	Not Detectable	PASS
CW1252	Water: Determination of Flame Retardant	Pentabromodiphenyl ether (PBDE)	<=25 µg/L	Not Detectable	PASS
CW1252	Water: Determination of Flame Retardant	Polybromobiphenyls (PBB)	<=25 µg/L	Not Detectable	PASS
CW1252	Water: Determination of Flame Retardant	Tetraboron disodium heptaoxide, hydrate (as B)	<=25 µg/L	1574,3 µg/L	FAIL
CW1252	Water: Determination of Flame Retardant	Tetrabromo diphenyl ethers (TetraBDE)	<=25 µg/L	Not Detectable	PASS
CW1252	Water: Determination of Flame Retardant	Tetrabromobisphenol A (TBBPA)	<=25 µg/L	Not Detectable	PASS
CW1252	Water: Determination of Flame Retardant	Tris-(1,3-dichloro-2-propyl)phosphate (TDCPP)	<=25 µg/L	Not Detectable	PASS
CW1252	Water: Determination of Flame Retardant	Tris-(1-chloro-2-propyl)phosphate (TCPP)	<=25 µg/L	Not Detectable	PASS
CW1252	Water: Determination of Flame Retardant	Tris-(2,3-dibromopropyl)phosphate (TRIS)	<=25 µg/L	Not Detectable	PASS
CW1252	Water: Determination of Flame Retardant	Tris(2-chloroethyl)phosphate	<=25 µg/kg	Not Detectable	PASS
CW1252	Water: Determination of Flame Retardant	Tris-(aziridinyl)-phosphineoxide (TEPA)	<=25 µg/L	Not Detectable	PASS
CW1262	Water: Determination of OPP	ortho-Phenylphenol	<=100 µg/L	Not Detectable	PASS
CW1263	Water: Determination of N,N-dimethylformamide	N,N-dimethylformamide	<=1000 µg/L	Not Detectable	PASS
CW1264	Water: Determination of AEEA [2-(2-aminoethylamino)ethanol]	2-(2-Aminoethylamino)ethanol (AEEA)	<=500 µg/L	Not Detectable	PASS
CW1265	Water: Determination of UV Absorbers	2-(2H-Benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	<=100 µg/L	Not Detectable	PASS
CW1265	Water: Determination of UV Absorbers	2-(2H-benzotriazol-2-yl)-4,6-diterpentyphenol (UV-328)	<=100 µg/L	Not Detectable	PASS
CW1265	Water: Determination of UV Absorbers	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	<=100 µg/L	Not Detectable	PASS
CW1265	Water: Determination of UV Absorbers	benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	<=100 µg/L	Not Detectable	PASS
CW1266	Water: Determination of Bisphenol A	4,4'-isopropylidenediphenol (bisphenol A; BPA)	<=10 µg/L	Not Detectable	PASS
CW1267	Water: Determination of Thiourea	Thiourea	<=50 µg/L	Not Detectable	PASS
CW1268	Water: Determination of Quinoline	Quinoline	<=50 µg/L	Not Detectable	PASS
CW1269	Water: Determination of Borate, zinc salt	Borate, Zinc salt (expressed as total Boron)	<=100 µg/L	77,6 µg/L	PASS
CW0990	Water quality -Determination of Hexavalent Chromium	Chromium VI	<=50 mg/L	Not Detectable	PASS
CW1000	Water quality -Determination of heavy metals	Antimony	<=100 mg/L	44,99 mg/L	PASS
CW1000	Water quality -Determination of heavy metals	Arsenic	<=50 mg/L	0,890 mg/L	PASS
CW1000	Water quality -Determination of heavy metals	Cadmium	<=100 mg/L	0,13 mg/L	PASS
CW1000	Water quality -Determination of heavy	Chromium	<=200 mg/L	22,41 mg/L	PASS

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	metals				
CW1000	Water quality -Determination of heavy metals	Cobalt	<=50 mg/L	0,39 mg/L	PASS
CW1000	Water quality -Determination of heavy metals	Copper	<=1000 mg/L	14,08 mg/L	PASS
CW1000	Water quality -Determination of heavy metals	Lead	<=100 mg/L	0,53 mg/L	PASS
CW1000	Water quality -Determination of heavy metals	Mercury	<=10 mg/L	0,040 mg/L	PASS
CW1000	Water quality -Determination of heavy metals	Nickel	<=200 mg/L	1,67 mg/L	PASS
CW1000	Water quality -Determination of heavy metals	Silver	<=100 mg/L	Not Detectable	PASS
CW1000	Water quality -Determination of heavy metals	Zinc	<=5000 mg/L	303,97 mg/L	PASS
CW0100	Water: sampling operation	NA	Not applied	NA	NA

Begin of Test Report

CW0100	<b>Water: sampling operation *</b>
Test method	ref. to ISO 5667-13:2011

Rev. 0 del 06/04/2020

Sample identification	<b>POZZETTO ACQUA DI SCARICO</b>
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Sampling report n.	1
Date of sampling	24/11/2023
Place of sampling	Artcolor s.r.l. - Via Bologna 288, 59025 Usella Cantagallo (PO)
Sampling start time	08:50
Sampling end time	15:00
Sampled by	Alessio Magni in accordance with ISO 5667-10
Sample type	composite sample – 6h

<b>Sample properties</b>	
Production process	Wastewater
State	Liquid
Temperature	26,0 °C
Color	Dark water
Odour	Pungent odor
Persistent foam	Visible
Sample transport	Ambient temperature

\* Test not accredited by ACCREDIA



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CW1200	<b>Water quality -Determination of Alkylphenols</b>
<i>Test methods</i>	<b>ISO 18857-1:2005</b>

Rev. 0 del 06/04/2020

*Testing conditions* LLE / SPE extraction - Ref. ASTM D7065  
*Testing equipment* GC-MSMS  
*Testing date* 30/11/2023

<i>Sample identification</i>	<b>POZZETTO ACQUA DI SCARICO</b>
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Parameter	CAS	Result (µg/L)	LOQ (µg/L)
<b>Octylphenols (OP) (linear and branched)</b>	27193-28-8 / 140-66-9 / 1806-26-4	<b>&lt; LOQ</b>	1
<b>Nonylphenols (NP) (linear and branched)</b>	25154-52-3 / 104-40-5 / 11066-49-2 / 84852-15-3 / 90481-04-2	<b>23,50</b>	1

Note: LOQ: limit of quantification

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CW1201	<b>Water quality -Determination of Ethoxylated Alkylphenols (APEOS)</b>
<i>Test methods</i>	<b>MIP_CW1201_rev3:2021</b>

Rev. 0 del 06/04/2020

*Testing conditions* SPE extraction - Ref. ISO 18857-2:2009 / ASTM D7065  
*Testing equipment* LC-MSMS  
*Testing date* 30/11/2023

<i>Sample identification</i>	<b>POZZETTO ACQUA DI SCARICO</b>
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Parameter	CAS	Result (µg/L)	LOQ (µg/L)
<b>Octylphenol monoethoxylate (OPEO1)</b>	2315-67-5	< LOQ	1
<b>Octylphenol diethoxylate (OPEO2)</b>	2315-61-9	< LOQ	1
<b>Nonylphenol monoethoxylate (NPEO1)</b>	104-35-8	< LOQ	1
<b>Nonylphenol diethoxylate (NPEO2)</b>	20427-84-3	< LOQ	1
<b>Ethoxylated Octylphenols (OPEO3-20)</b>	9002-93-1 / 9036-19-5 / 68987-90-6 / 26636-32-8 / 19036-19-5	< LOQ	1
<b>Ethoxylated Nonylphenols (NPEO3-20)</b>	9016-45-9 / 26027-38-3 / 37205-87-1 / 68412-54-4 / 127087-87-0	< LOQ	1

Note: LOQ: limit of quantification

CW1262	<b>Water: Determination of OPP</b>
<i>Test methods</i>	<b>EPA 3510C:1996 + EPA 8270E:2018</b>

Rev. 0 del 06/04/2020

*Testing conditions* LLE extraction and derivatization  
*Testing equipment* GC-MSMS  
*Testing date* 29/11/2023

<i>Sample identification</i>	<b>POZZETTO ACQUA DI SCARICO</b>
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Parameter	CAS	Result (µg/L)	LOQ (µg/L)
<b>ortho-Phenylphenol</b>	90-43-7	<b>&lt; LOQ</b>	10

*Note:* LOQ: limit of quantification

CW1250	<b>Water: Determination of Triclosan *</b>
<i>Test methods</i>	<b>EPA 3535A:2007 + EPA 8321B2007 - ref. DIN 54231-2022</b>

Rev. 0 del 06/04/2020

*Testing conditions* LLE extraction  
*Testing equipment* LC-MSMS  
*Testing date* 29/11/2023

<i>Sample identification</i>	<b>POZZETTO ACQUA DI SCARICO</b>
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Parameter	CAS	Result (µg/L)	LOQ (µg/L)
<b>Triclosan</b>	3380-34-5	<b>&lt; LOQ</b>	10

Note: LOQ: limit of quantification

\* Test not accredited by ACCREDIA

CW1251	<b>Water: Determination of Permethrin *</b>
<i>Test methods</i>	<b>EPA 3510C:1996 + EPA 8321B2007 - ref. EPA 8270E:2018</b>

Rev. 0 del 06/04/2020

*Testing conditions* LLE extractio  
*Testing equipment* LC-MSMS  
*Testing date* 29/11/2023

<i>Sample identification</i>	<b>POZZETTO ACQUA DI SCARICO</b>
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Parameter	CAS	Result (µg/L)	LOQ (µg/L)
<b>Permethrin</b>	52645-53-1	<b>&lt; LOQ</b>	10

Note: LOQ: limit of quantification

\* Test not accredited by ACCREDIA



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CW1213	<b>Water quality -Determination of Chlorinated Paraffins (SCCP - MCCP - LCCP) *</b>
<i>Test methods</i>	<b>EPA 3510C:1996 - ref. ISO 18219-1/2 (solvent extraction / GC-MS)</b>

Rev. 0 del 06/04/2020

*Testing conditions* Organic solvent extraction - Ref. ISO 12010:2010  
*Testing equipment* LC-MSMS  
*Testing date* 07/12/2023

<i>Sample identification</i>	<b>POZZETTO ACQUA DI SCARICO</b>
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Parameter	CAS	Result (µg/L)	LOQ (µg/L)
<b>Short chain chlorinated Paraffins C10-C13 (SCCP)</b>	85535-84-8 <i>et al</i>	< LOQ	1
<b>Medium chain chlorinated Paraffins C14-C17 (MCCP)</b>	85535-85-9 <i>et al</i>	< LOQ	1

*Note:* LOQ: limit of quantification

\* Test not accredited by ACCREDIA

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CW1204	<b>Water quality -Determination of Chlorinated Benzenes and toluenes *</b>
<i>Test methods</i>	<b>EPA 3510C:1996 + EPA 8270E:2018 - ref. EN 17137:2019</b>

Rev. 0 del 06/04/2020

*Testing conditions* LLE / SPE extraction  
*Testing equipment* GC-MSMS  
*Testing date* 04/12/2023

<i>Sample identification</i>	<b>POZZETTO ACQUA DI SCARICO</b>
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Parameter	CAS	Result (µg/L)	LOQ (µg/L)
chlorobenzene	108-90-7	< LOQ	0,1
2-chlorotoluene	95-49-8	< LOQ	0,1
3-chlorotoluene	108-41-8	< LOQ	0,1
4-chlorotoluene	106-43-4	< LOQ	0,1
2,3-dichlorotoluene	32768-54-0	< LOQ	0,1
2,4-dichlorotoluene	95-73-8	< LOQ	0,1
2,5-dichlorotoluene	19398-61-9	< LOQ	0,1
2,6-dichlorotoluene	118-69-4	< LOQ	0,1
3,4-dichlorotoluene	95-75-0	< LOQ	0,1
3,5-dichlorotoluene	25186-47-4	< LOQ	0,1
2,3,4-trichlorotoluene	7359-72-0	< LOQ	0,1
2,3,6-Trichlorotoluene	2077-46-5	< LOQ	0,1
2,4,5-trichlorotoluene	6639-30-1	< LOQ	0,1
2,4,6-trichlorotoluene	23749-65-7	< LOQ	0,1
3,4,5-trichlorotoluene	21472-86-6	< LOQ	0,1
2,3,4,5-tetrachlorotoluene	76057-12-0 / 1006-32-2	< LOQ	0,1
2,3,5,6-tetrachlorotoluene	29733-70-8 / 1006-31-1	< LOQ	0,1
2,3,4,6-tetrachlorotoluene	875-401	< LOQ	0,1
Pentachlorotoluene	877-11-2	< LOQ	0,1
1,2-dichlorobenzene	95-50-1	< LOQ	0,1
1,3-dichlorobenzene	541-73-1	< LOQ	0,1
1,4-dichlorobenzene	106-46-7	< LOQ	0,1
1,2,3-trichlorobenzene	87-61-6	< LOQ	0,1
1,2,4-trichlorobenzene	120-82-1	< LOQ	0,1
1,3,5-trichlorobenzene	108-70-3	< LOQ	0,1
1,2,3,4-Tetrachlorobenzene	634-66-2	< LOQ	0,1
1,2,3,5 tetrachlorobenzene	634-90-2	< LOQ	0,1
1,2,4,5 tetrachlorobenzene	95-94-3	< LOQ	0,1
Pentachlorobenzene	608-93-5	< LOQ	0,1
Hexachlorobenzene	118-74-1	< LOQ	0,1

Note: LOQ: limit of quantification

\* Test not accredited by ACCREDIA

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CW1205	<b>Water quality -Determination of Chlorophenols</b>
<i>Test methods</i>	<b>EPA 3510C:1996 + EPA 8270E:2018</b>

Rev. 0 del 06/04/2020

*Testing conditions* LLE extraction  
*Testing equipment* GC-MSMS  
*Testing date* 29/11/2023

<i>Sample identification</i>	<b>POZZETTO ACQUA DI SCARICO</b>
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Parameter	CAS	Result (µg/L)	LOQ (µg/L)
2-Chlorophenol	95-57-8	< LOQ	0,1
3-Chlorophenol	108-43-0	< LOQ	0,1
4-Chlorophenol	106-48-9	< LOQ	0,1
2,3-Dichlorophenol	576-24-9	< LOQ	0,1
2,4-Dichlorophenol	120-83-2	< LOQ	0,1
2,5-Dichlorophenol	583-78-8	< LOQ	0,1
2,6-Dichlorophenol	87-65-0	< LOQ	0,1
3,4-Dichlorophenol	95-77-2	< LOQ	0,1
3,5-Dichlorophenol	591-35-5	< LOQ	0,1
2,3,6 Trichlorophenol	933-75-5	< LOQ	0,1
2,3,4-Trichlorophenol	15950-66-0	< LOQ	0,1
2,4,5-Trichlorophenol	95-95-4	< LOQ	0,1
2,4,6-Trichlorophenol	88-06-2	< LOQ	0,1
2,3,5-Trichlorophenol	933-78-8	< LOQ	0,1
3,4,5-Trichlorophenol	609-19-8	< LOQ	0,1
2,3,4,5-Tetrachlorophenol	4901-51-3	< LOQ	0,1
2,3,4,6-Tetrachlorophenol	58-90-2	< LOQ	0,1
2,3,5,6-Tetrachlorophenol	935-95-5	< LOQ	0,1
Pentachlorophenol	87-86-5	< LOQ	0,1

Note: LOQ: limit of quantification

CW1263	<b>Water: Determination of N,N-dimethylformamide *</b>
<i>Test methods</i>	<b>EPA 3510C:1996 + EPA 8270E:2018 - ref. ISO 16189:2021</b>

Rev. 0 del 06/04/2020

*Testing conditions* LLE extraction  
*Testing equipment* GC-MSMS  
*Testing date* 30/11/2023

<i>Sample identification</i>	<b>POZZETTO ACQUA DI SCARICO</b>
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Parameter	CAS	Result (µg/L)	LOQ (µg/L)
<b>N,N-dimethylformamide</b>	68-12-2	<b>&lt; LOQ</b>	10

Note: LOQ: limit of quantification

\* Test not accredited by ACCREDIA

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CW1210	<b>Water quality -Determination of Allergenic Disperse Dyes *</b>
<i>Test methods</i>	<b>EPA 3535A:2007 + EPA 8321B:2007 - ref. DIN 54231-2022</b>

Rev. 0 del 06/04/2020

*Testing conditions* SPE extraction  
*Testing equipment* LC-MSMS  
*Testing date* 30/11/2023

<i>Sample identification</i>	<b>POZZETTO ACQUA DI SCARICO</b>
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Parameter	CAS	Result (µg/L)	LOQ (µg/L)
Disperse Blue 102	12222-97-8	< LOQ	10
Disperse Blue 106	12223-01-7	< LOQ	10
Disperse Blue 124	61951-51-7	< LOQ	10
Disperse Blue 26 (CI 63.305)	3860-63-7	< LOQ	10
Disperse Blue 35	12222-75-2 / 56524-77-7	< LOQ	10
Disperse Blue 7 (CI 62.500)	3179-90-6	< LOQ	10
Disperse Brown 1 (CI 11152:1)	23355-64-8	< LOQ	10
Disperse Orange 1 (CI 11.080)	2581-69-3	< LOQ	10
Disperse Orange 3 (CI 11.005)	730-40-5	< LOQ	10
Disperse Orange 76/37 (CI 11.132)	12223-33-5 / 13301-61-6 / 51811-42-8	< LOQ	10
Disperse Red 1 (CI 11.110)	2872-52-8	< LOQ	10
Disperse Red 11 (CI 62.015)	2872-48-2	< LOQ	10
Disperse Red 17 (CI 11.210)	3179-89-3	< LOQ	10
Disperse Yellow 1 (CI 10.345)	119-15-3	< LOQ	10
Disperse Yellow 3 (CI 11.855)	2832-40-8	< LOQ	10
Disperse Yellow 39	12236-29-2	< LOQ	10
Disperse Yellow 49	54824-37-2	< LOQ	10
Disperse Yellow 9 (CI 10.375)	6373-73-5	< LOQ	10

Note: LOQ: limit of quantification

\* Test not accredited by ACCREDIA



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CW1211	<b>Water quality -Determination of Carcinogenic Dyes *</b>
<i>Test methods</i>	<b>EPA 3535A:2007 + EPA 8321B:2007 - ref. DIN 54231-2022</b>

Rev. 0 del 06/04/2020

*Testing conditions* SPE extraction  
*Testing equipment* LC-MSMS  
*Testing date* 04/12/2023

<i>Sample identification</i>	<b>POZZETTO ACQUA DI SCARICO</b>
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Parameter	CAS	Result (µg/L)	LOQ (µg/L)
<b>Basic Violet 3 (CI 42.555) with &gt;0,1% of Michler's ketone</b>	548-62-9 / 603-48-5 / 14426-25-6	< LOQ	10
<b>Acid Red 26 (CI 16.150)</b>	3761-53-3	< LOQ	10
<b>Acid Violet 49 (CI 42.640)</b>	1694-09-3	< LOQ	10
<b>Basic Blue 26 (CI 44.045) with &gt; 0,1% of michler's ketone</b>	2580-56-5	< LOQ	10
<b>Basic Green 4 (as chloride - CI 42.000)</b>	569-64-2	< LOQ	10
<b>Basic Green 4 (as oxalate - CI 42.000)</b>	2437-29-8 / 18015-76-4	< LOQ	10
<b>Basic Green 4 (CI 42.000)</b>	10309-95-2	< LOQ	10
<b>Basic Red 9(CI 42.500)</b>	569-61-9	< LOQ	10
<b>Basic Violet 14 (CI 42.510)</b>	632-99-5	< LOQ	10
<b>Direct Black 38 (CI 30.235)</b>	1937-37-7	< LOQ	10
<b>Direct Blue 6 (CI 22.610)</b>	2602-46-2	< LOQ	10
<b>Direct Red 28 (CI 22.120)</b>	573-58-0	< LOQ	10
<b>Disperse Blue 1 (CI 64.500)</b>	2475-45-8	< LOQ	10
<b>Disperse Blue 3 (CI 61.505)</b>	2475-46-9	< LOQ	10
<b>Disperse Orange 11 (CI 60.700)</b>	82-28-0	< LOQ	10

Note: LOQ: limit of quantification

\* Test not accredited by ACCREDIA

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CW1212	<b>Water quality -Determination of Navy Blue Colorant *</b>
<i>Test methods</i>	<b>EPA 3535A:2007 + EPA 8321B:2007 - ref. DIN 54231-2022</b>

Rev. 0 del 06/04/2020

*Testing conditions* LLE / SPE extraction  
*Testing equipment* LC-MSMS  
*Testing date* 30/11/2023

<i>Sample identification</i>	<b>POZZETTO ACQUA DI SCARICO</b>
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Parameter	CAS	Result (µg/L)	LOQ (µg/L)
<b>Navy Blue Colorant</b>	118685-33-9	<b>&lt; LOQ</b>	10

Note: LOQ: limit of quantification

\* Test not accredited by ACCREDIA

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CW1252	<b>Water: Determination of Flame Retardant *</b>
Test methods	<b>EPA 3510C:1996 + EPA 8270E:2018 - ref. ISO 17881-1:2016 / EPA 3510C:1996 + EPA 8321B:2007 - ref. ISO 17881-2:2016 / Boron and Borate salts: acid digestion + ISO 17072-2:2022 / EN 71-3:2021</b>

Rev. 0 del 06/04/2020

Testing conditions LLE / extraction - acid digesti in for Boraon and borate salts  
Testing equipment GC-MSMS / LC-MSMS / ICP-MS  
Testing date 04/12/2023

Sample identification	<b>POZZETTO ACQUA DI SCARICO</b>
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Parameter	CAS	Result (µg/L)	LOQ (µg/L)
2,2-bis(bromomethyl)-1,3-propanediol (BBMP)	3296-90-0	< LOQ	3
Bis(2,3-dibromopropyl) phosphate (BBP)	5412-25-9	< LOQ	3
Decabromodiphenyl ether (BDE 209)	1163-19-5	< LOQ	3
Hexabromocyclododecane (HBCDD)	134237-50-6 / 134237-51-7 / 134237-52-8 / 25637-99-4 / 3194-55-6	< LOQ	3
Octabromodiphenyl Ether (OctaBDE)	32536-52-0	< LOQ	3
Pentabromodiphenyl ether (PBDE)	32534-81-9	< LOQ	3
Polybromobiphenyls (PBB)	59536-65-1	< LOQ	3
Tetrabromobisphenol A (TBBPA)	79-94-7	< LOQ	3
Tris-(1-chloro-2-propyl)phosphate (TCPP)	13674-84-5	< LOQ	3
Tris-(aziridinyl)-phosphineoxide (TEPA)	545-55-1	< LOQ	3
Tris-(1,3-dichloro-2-propyl)phosphate (TDCPP)	13674-87-8	< LOQ	3
Tris(2-chloroethyl)phosphate	115-96-8	< LOQ	3
Tris-(2,3-dibromopropyl)phosphate (TRIS)	126-72-7	< LOQ	3
Decabromobiphenyl (PBB 209)	13654-09-6	< LOQ	3
4,4'-Dibromobiphenyl (PBB 15)	92-86-4	< LOQ	3
2,2',3,3',4,4',5,5'-Octabromobiphenyl (PBB 194)	67889-00-3	< LOQ	3
Bis(2,3-dibromopropyl ether) of tetrabromobisphenol (BDBPT)	21850-44-2	< LOQ	3
Heptabromo diphenyl ethers (HeptaBDE)	68928-80-3	< LOQ	3
Hexabromo diphenyl ethers (HexaBDE)	36483-60-0	< LOQ	3
4-Bromobiphenyl (PBB 3)	1565797-40-1	< LOQ	3
2,2',3,3',4,4',5,5',6-Nonabromobiphenyl (PBB 206)	69278-62-2	< LOQ	3
4-Bromodiphenyl ether (BDE 3)	101-55-3	< LOQ	3
Nonabromo diphenyl ethers (NonaBDE)	63936-56-1	< LOQ	3
Tetrabromo diphenyl ethers (TetraBDE)	40088-47-9	< LOQ	3
2,4,4'-Tribromodiphenyl ether (BDE 28)	41318-75-6	< LOQ	3
Boric Acid (as B)	10043-35-3	444,0	10
Diboron trioxide (as B)	1303-86-2	500,1	10
Disodium octaborate (as B)	12008-41-2	1327,1	10
Disodium tetraborate, anhydrous (as B)	1303-96-4 / 1330-43-4 / 12179-04-3	1289,7	10
Tetraboron disodium heptaoxide, hydrate (as B)	12267-73-1	1574,3	10

Note: LOQ: limit of quantification

\* Test not accredited by ACCREDIA

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CW1216	<b>Water quality -Detemination of Glycols *</b>
<i>Test methods</i>	<b>EPA 3535AC:2007 + EPA 8270E:2018</b>

Rev. 0 del 06/04/2020

*Testing conditions* LLE extraction  
*Testing equipment* GC-MSMS  
*Testing date* 04/12/2023

<i>Sample identification</i>	<b>POZZETTO ACQUA DI SCARICO</b>
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Parameter	CAS	Result (µg/L)	LOQ (µg/L)
<b>2-Ethoxyethanol</b>	110-80-5	< LOQ	10
<b>2-Ethoxyethyl acetate</b>	111-15-9	< LOQ	10
<b>2-Methoxyethanol</b>	109-86-4	< LOQ	10
<b>2-methoxyethylacetate</b>	110-49-6	< LOQ	10
<b>2-methoxypropylacetate</b>	70657-70-4	< LOQ	10
<b>Bis(2-methoxyethyl)ether</b>	111-96-6	< LOQ	10
<b>1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)</b>	110-71-4	< LOQ	10
<b>1,2-bis(2-methoxyethoxy)ethane [triglyme (TEGDME)]</b>	112-49-2	< LOQ	10

Note: LOQ: limit of quantification

\* Test not accredited by ACCREDIA

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CW1203	<b>Water quality -Determination of Volatile Organic Compounds (VOC)</b>
<i>Test methods</i>	<b>EPA 5021A:2014 + EPA 8260D:2017</b>

Rev. 0 del 06/04/2020

*Testing conditions* Headspace analysis  
*Testing equipment* HS-GC-MS  
*Testing date* 28/11/2023

<i>Sample identification</i>	<b>POZZETTO ACQUA DI SCARICO</b>
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Parameter	CAS	Result (µg/L)	LOQ (µg/L)
<b>1,2-Dichloroethane (as halogenated solvent)</b>	107-06-2	< LOQ	0,5
<b>dichloromethane (as halogenated solvents)</b>	75-09-2	< LOQ	0,5
<b>Tetrachloroethylene (as halogenated solvents)</b>	127-18-4	< LOQ	0,5
<b>Trichloroethylene (as halogenated solvents)</b>	79-01-6	< LOQ	0,5
<b>Benzene (as VOC)</b>	71-43-2	< LOQ	0,5
<b>m-cresolo (as VOC)*</b>	108-39-4	< LOQ	0,5
<b>o-cresol (as VOC)*</b>	95-48-7	< LOQ	0,5
<b>p-cresol (as VOC)*</b>	106-44-5	< LOQ	0,5
<b>Xylene (as VOC)*</b>	1330-20-7	< LOQ	0,5
<b>Toluene (as VOC)</b>	108-88-3	< LOQ	10

Note: LOQ: limit of quantification

\* Test not accredited by ACCREDIA

CW1206	<b>Water quality -Determination of Organotin Compounds</b>
<i>Test methods</i>	<b>ISO 17353:2004(2013)</b>

Rev. 0 del 06/04/2020

*Testing conditions* LLE extraction  
*Testing equipment* GC-MSMS  
*Testing date* 29/11/2023

<i>Sample identification</i>	<b>POZZETTO ACQUA DI SCARICO</b>
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Parameter	CAS	Result (µg/L)	LOQ (µg/L)
<b>Monomethyl Tin (MMT)*</b>	16408-15-4 / 993-16-8	< LOQ	0,01
<b>Dimethyl Tin (DMT)*</b>	753-73-1	< LOQ	0,01
<b>Trimethyl Tin (TMT)*</b>	1066-45-1	< LOQ	0,01
<b>Monooctyl Tin (MOT)</b>	15231-57-9 / 3091-26-3	< LOQ	0,01
<b>Dioctyl Tin (DOT)</b>	3542-36-7 / 15231-44-4	< LOQ	0,01
<b>Trioctyl Tin (TOT)*</b>	2587-76-0 / 250252-89-2	< LOQ	0,01
<b>Monophenyl tin (MPht)*</b>	1124-19-2	< LOQ	0,01
<b>Diphenyl Tin (DPht)*</b>	1011-95-6 / 1135-99-5	< LOQ	0,01
<b>Triphenyl Tin (TPht)</b>	639-58-7 / 668-34-8	< LOQ	0,01
<b>Tetrabutyl Tin (TeBT)</b>	1461-25-2	< LOQ	0,01
<b>Tripropyl Tin (TPT)*</b>	2279-76-7 / 761-44-4	< LOQ	0,01
<b>Tetraoctyl tin (TeOT)*</b>	3590-84-9	< LOQ	0,01
<b>Tricyclohexyl Tin (TCyT)</b>	36580-86-6 / 3091-32-5 / 3047-10-7	< LOQ	0,01
<b>Tetraethyl tin (TET)*</b>	597-64-8	< LOQ	0,01
<b>Dipropyl Tin (DProT)*</b>	867-36-7	< LOQ	0,01
<b>Monobutyl Tin (MBT)</b>	78763-54-9 / 1118-46-3	< LOQ	0,01
<b>Dibutyl Tin (DBT)</b>	683-18-1 / 1002-53-5	< LOQ	0,01
<b>Tributyl Tin (TBT)</b>	1461-22-9 / 56573-85-4	< LOQ	0,01

Note: LOQ: limit of quantification

\* Test not accredited by ACCREDIA



CW1264	<b>Water: Determination of AEEA [2-(2-aminoethylamino)ethanol] *</b>
<i>Test methods</i>	<b>EPA 3535A:2007 / ref. DIN 54231:2022 (solvent extraction / LC-MSMS)</b>

Rev. 0 del 06/04/2020

*Testing conditions* LLE / SPE extraction  
*Testing equipment* LC-MSMS  
*Testing date* 29/11/2023

<i>Sample identification</i>	<b>POZZETTO ACQUA DI SCARICO</b>
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Parameter	CAS	Result (µg/L)	LOQ (µg/L)
<b>2-(2-Aminoethylamino)ethanol (AEEA)</b>	111-41-1	<b>&lt; LOQ</b>	10

Note: LOQ: limit of quantification

\* Test not accredited by ACCREDIA

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CW1266	<b>Water: Determination of Bisphenol A *</b>
<i>Test methods</i>	<b>EPA 3535A:2007 / ref. DIN 54231:2022 (solvent extraction / LC-MSMS)</b>

Rev. 0 del 06/04/2020

*Testing conditions* LLE / SPE extraction  
*Testing equipment* LC-MSMS  
*Testing date* 29/11/2023

<i>Sample identification</i>	<b>POZZETTO ACQUA DI SCARICO</b>
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Parameter	CAS	Result (µg/L)	LOQ (µg/L)
<b>4,4'-isopropylidenediphenol (bisphenol A; BPA)</b>	80-05-7	<b>&lt; LOQ</b>	1

Note: LOQ: limit of quantification

\* Test not accredited by ACCREDIA

CW1267	<b>Water: Determination of Thiourea *</b>
<i>Test methods</i>	<b>EPA 3535A:2007 / ref. DIN 54231:2022 (solvent extraction / LC-MSMS)</b>

Rev. 0 del 06/04/2020

*Testing conditions* LLE / SPE extraction  
*Testing equipment* LC-MSMS  
*Testing date* 29/11/2023

<i>Sample identification</i>	<b>POZZETTO ACQUA DI SCARICO</b>
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Parameter	CAS	Result (µg/L)	LOQ (µg/L)
<b>Thiourea</b>	62-56-6	<b>&lt; LOQ</b>	10

Note: LOQ: limit of quantification

\* Test not accredited by ACCREDIA

CW1268	<b>Water: Determination of Quinoline *</b>
<i>Test methods</i>	<b>EPA 3535A:2007 / ref. DIN 54231:2022 (solvent extraction / LC-MSMS)</b>

Rev. 0 del 06/04/2020

*Testing conditions* LLE / SPE extraction  
*Testing equipment* LC-MSMS  
*Testing date* 30/11/2023

<i>Sample identification</i>	<b>POZZETTO ACQUA DI SCARICO</b>
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Parameter	CAS	Result (µg/L)	LOQ (µg/L)
<b>Quinoline</b>	91-22-5	<b>&lt; LOQ</b>	10

Note: LOQ: limit of quantification

\* Test not accredited by ACCREDIA

CW1269	<b>Water: Determination of Borate, zinc salt *</b>
<i>Test methods</i>	<b>ref. EPA 200.8 / EN 71-3:2021 (acid digestion / ICP-MS)</b>

Rev. 0 del 06/04/2020

*Testing conditions* acid digestion  
*Testing equipment* ICP-MS  
*Testing date* 04/12/2023

<i>Sample identification</i>	<b>POZZETTO ACQUA DI SCARICO</b>
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Parameter	CAS	Result (µg/L)	LOQ (µg/L)
<b>Borate, Zinc salt (expressed as total Boron)</b>	7726-95-6	<b>77,6</b>	10
<b>Borate, Zinc salt (expressed as Zinc)</b>	7440-66-6	<b>303,9</b>	3

Note: LOQ: limit of quantification

\* Test not accredited by ACCREDIA

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CW1207	<b>Water quality -Determination of Polyfluorinated and Perfluorinated Compounds (PFC)</b>
<i>Test methods</i>	<b>MIP_CW1207_rev3:2021</b>

Rev. 0 del 06/04/2020

*Testing conditions* SPE extraction - Ref. ISO 25101:2009 / DIN 38407-42:2011  
*Testing equipment* GC-MSMS (for FTOHs e FTAs) - LC-MSMS (other PFCs)  
*Testing date* 07/12/2023

<i>Sample identification</i>	<b>POZZETTO ACQUA DI SCARICO</b>
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Parameter	CAS	Result (µg/L)	LOQ (µg/L)
Perfluorbutansulfonic acid (PFBS)	29420-49-3 / 375-73-5 / 59933-66-3 / 749861-23-2	< LOQ	0,01
Perfluoro Pentanesulfonic acid (PFPeS)	2706-91-4 / 3872-25-1 / 630402-22-1 / 68259-09-6	< LOQ	0,01
Perfluorohexane sulfonic acid (PFHxS)	3871-99-6 / 355-46-4 / 82382-12-15 / 432-50-7	< LOQ	0,01
Perfluoro 1-heptanesulphonic acid (PFHpS)	375-92-8 / 60270-55-5 / 68555-66-8	< LOQ	0,01
Perfluorooctane sulfonic acid (PFOS)	2795-39-3 / 1763-23-1 / 29457-72-5 / 29081-56-9 / 70225-14-8 / 56773-42-3 / 251099-16-8	< LOQ	0,01
Perfluoro nonanesulfonic acid (PFNS)	35192-74-6 / 29359-39-5 / 17202-41-4	< LOQ	0,01
Perfluorodecane sulfonic acid (PFDS)	335-77-3 / 2806-15-7 / 2806-16-8 / 67906-42-7	< LOQ	0,01
Perfluorododecansulfonic acid (PFDoS)	335-77-3	< LOQ	0,01
Perfluorobutanoic acid (PFBA)	375-22-4	< LOQ	1
Perfluoropentanoic acid (PFPeA)	2706-90-3	< LOQ	1
Perfluoro n-hexanoic acid (PFHxA)	307-24-4	< LOQ	1
Perfluoro n-heptanoic acid (PFHpA)	375-85-9	< LOQ	1
7H-Perfluoroheptanoic acid (HPFHpA)	1546-95-8	< LOQ	1
Perfluoro octanoic acid (PFOA)	335-67-1 / 3825-26-1	< LOQ	1
Perfluoro nonanoic acid (PFNA)	375-95-1 / 21049-39-8 / 4149-60-4	< LOQ	1
Perfluoro decanoic acid (PFDA)	335-76-2 / 3108-42-7 / 3830-45-3	< LOQ	1
Perfluoroundecanoic acid (PFUnA)	2058-94-8 / 4234-23-5	< LOQ	1
Perfluorododecanoic acid (PFDoA)	307-55-1	< LOQ	1
Perfluorotridecanoic acid (PFTrA)	72629-94-8	< LOQ	1
Perfluorotetradecanoic acid (PFTA)	376-06-7	< LOQ	1
Perfluorohexadecanoic acid (PFHxDA)	67905-19-5	< LOQ	1
Perfluorooctadecanoic acid (PFODA)	16517-11-6	< LOQ	1
1H,1H,2H,2H-Perfluorooctyl acrylate (FTA 6-2)	17527-29-6	< LOQ	1
1H,1H,2H,2H-Perfluorodecyl acrylate (FTA 8-2)	27905-45-9	< LOQ	1



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1H,1H,2H,2H-Perfluorododecyl acrylate (FTA 10-2)	17741-60-5	< LOQ	1
4:2 Fluorotelomer alcohol (FTOH 4-2)	2043-47-2	< LOQ	1
6:2 Fluorotelomer alcohol (FTOH 6-2)	647-42-7	< LOQ	1
8:2 Fluorotelomer alcohol (FTOH 8-2)	678-39-7	< LOQ	1
10:2 Fluorotelomer alcohol (FTOH 10-2)	865-86-1	< LOQ	1
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol (N-MeFOSE)	24448-09-7	< LOQ	0,01
2-(N-Ethylperfluoro-1-octanesulfonamido)-ethanol (N-EtFOSE)	1691-99-2	< LOQ	0,01
N-methylperfluoro-1-octanesulfonamide (N-MeFOSA)	31506-32-8	< LOQ	0,01
N-ethylperfluoro-1-octanesulfonamide (N-EtFOSA)	4151-50-2	< LOQ	0,01
1H,1H,2H,2H-Perfluorodecane sulfonate (8:2 FTS)	39108-34-4	< LOQ	0,01
1H,1H,2H,2H-perfluoro-1-hexanesulfonate (4:2 FTS)	757124-72-4 / 414911-30-1	< LOQ	0,01
1H,1H,2H,2H-perfluoro-1-octanesulfonate (6:2 FTS)	27619-97-2 / 425670-75-3	< LOQ	0,01
1H,1H,2H,2H-perfluoro-1-dodecane sulfonate (10:2 FTS)	108026-35-3	< LOQ	0,01
Perfluorooctane-sulfonamide (PFOSA)	754-91-6	< LOQ	0,01

Note: LOQ: limit of quantification

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CW1208	<b>Water quality -Determination of Phthalates</b>
<i>Test methods</i>	<b>EPA 3510C:1996 + EPA 8270E:2018</b>

Rev. 0 del 06/04/2020

*Testing conditions* LLE extraction  
*Testing equipment* GC-MSMS  
*Testing date* 04/12/2023

<i>Sample identification</i>	<b>POZZETTO ACQUA DI SCARICO</b>
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Parameter	CAS	Result (µg/L)	LOQ (µg/L)
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)*	71888-89-6	< LOQ	1
Di-methyl-Phthalate (DMP)	131-11-3	< LOQ	0,5
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DNHUP)*	68515-42-4	< LOQ	1
Di-(2-methoxyethyl) phthalate (DMEP)	117-82-8	< LOQ	1
Benzyl butyl phthalate (BBP)	85-68-7	< LOQ	1
Dicyclohexyl phthalate (DCHP)	84-61-7	< LOQ	1
Di-iso-decylphthalate (DIDP)	26761-40-0 / 68515-49-1	< LOQ	1
Di-iso-octylphthalate (DIOP)	27554-26-3	< LOQ	1
Di-isobutyl phthalate (DIBP)	84-69-5	< LOQ	1
Di-iso-nonylphthalate (DINP)	28553-12-0 / 68515-48-0	< LOQ	1
Dihexyl phthalate (DHP)	84-75-3	< LOQ	1
Di-n-octylphthalate (DNOP)	117-84-0	< LOQ	1
Dipentyl phthalate (DPP)	131-18-0	< LOQ	1
Di-n-propylphthalate (DPRP)*	131-16-8	< LOQ	1
Di-(2-ethylhexyl)phthalate (DEHP)	117-81-7	< LOQ	1
Dibutyl phthalate (DBP)	84-74-2	< LOQ	1
Di-ethylphthalate (DETP)*	84-66-2	< LOQ	1
Di-isopentyl phthalate (DIPP)*	605-50-5	< LOQ	1
Di-nonylphthalate (DNP)	84-76-4	< LOQ	1

Note: LOQ: limit of quantification

\* Test not accredited by ACCREDIA

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CW1070	<b>Water quality -Determination of Polycyclic Aromatic Hydrocarbons (PAH) *</b>
<i>Test methods</i>	<b>EPA 3510C:1996 + EPA 8270E:2018 - ref. AfPS GS 2019:01</b>

Rev. 0 del 06/04/2020

*Testing conditions* LLE / SPE extraction  
*Testing equipment* GC-MSMS  
*Testing date* 04/12/2023

<i>Sample identification</i>	<b>POZZETTO ACQUA DI SCARICO</b>
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Parameter	CAS	Result (µg/L)	LOQ (µg/L)
Acenaftene	83-32-9	< LOQ	0,5
Acenaphtylene	208-96-8	< LOQ	0,5
Anthracene	120-12-7	< LOQ	0,5
Benz[a]anthracene	56-55-3	< LOQ	0,5
Benzo[a]pyrene	50-32-8	< LOQ	0,5
Benzo[b]fluoranthene	205-99-2	< LOQ	0,5
Benzo[e]Pyrene	192-97-2	< LOQ	0,5
Benzo[ghi]perylene	191-24-2	< LOQ	0,5
Benzo[j]fluoranthene	205-82-3	< LOQ	0,5
Benzo[k]Fluoranthene	207-08-9	< LOQ	0,5
Chrysene	218-01-9	< LOQ	0,5
Dibenzo(a,h) Anthracene	53-70-3	< LOQ	0,5
Fluoranthene	206-44-0	< LOQ	0,5
Fluorene	86-73-7	< LOQ	0,5
Indeno(1,2,3-cd)Pyrene	193-39-5	< LOQ	0,5
Naphtalene	91-20-3	< LOQ	0,5
Phenanthrene	85-01-8	< LOQ	0,5
Pyrene	129-00-0	< LOQ	0,5

Note: LOQ: limit of quantification

\* Test not accredited by ACCREDIA

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CW1209	<b>Water quality -Determination of Aromatic amines derived from azo-dyes *</b>
Test methods	<b>EPA 3510C:1996 + EPA 8270E:2018 - ref. ISO 14362-1</b>

Rev. 0 del 06/04/2020

Testing conditions LLE / SPE extraction - reductive cleavage (ref. EPA 8270D / DIN 38407-16 / UNI EN ISO 14362-1/3)  
 Testing equipment GC-MSMS / LC-MSMS  
 Testing date 29/11/2023

Sample identification	<b>POZZETTO ACQUA DI SCARICO</b>
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Parameter	CAS	Result (µg/L)	LOQ (µg/L)
<b>2,4,5-trimethylaniline / 2,4,5-trimethylaniline hydrochloride</b>	137-17-7 / 21436-97-5	< LOQ	0,05
<b>2,4-xylidine</b>	95-68-1	< LOQ	0,05
<b>2,6-xylidine</b>	87-62-7	< LOQ	0,05
<b>2-naphtylamine / 2-Naphthylammoniumacetate</b>	91-59-8 / 553-00-4	< LOQ	0,05
<b>3,3'-dichlorobenzidine</b>	91-94-1	< LOQ	0,05
<b>3,3-dimethylbenzidine</b>	119-93-7	< LOQ	0,05
<b>3,3'-dimethoxybenzidine</b>	119-90-4	< LOQ	0,05
<b>4,4'-diaminodiphenylmethane</b>	101-77-9	< LOQ	0,05
<b>4,4'-methylene-bis-(2-chloro-aniline)</b>	101-14-4	< LOQ	0,05
<b>4,4'-methylenedi-o-toluidine</b>	838-88-0	< LOQ	0,05
<b>4,4'-oxydianiline</b>	101-80-4	< LOQ	0,05
<b>4,4'-thiodianiline</b>	139-65-1	< LOQ	0,05
<b>4-aminobiphenyl</b>	92-67-1	< LOQ	0,05
<b>4-aminoazobenzene</b>	60-09-3	< LOQ	0,05
<b>4-chloroaniline</b>	106-47-8	< LOQ	0,05
<b>4-chloro-o-toluidine / 4-chloro-o-toluidinium chloride</b>	95-69-2 / 3165-93-3	< LOQ	0,05
<b>4-methyl-m-phenylenediamine</b>	95-80-7	< LOQ	0,05
<b>4-methoxy-m-phenylenediamine / 4-methoxy-m-phenylene diammonium sulphate;</b>	615-05-4 / 39156-41-7	< LOQ	0,05
<b>5-nitro-o-toluidine</b>	99-55-8	< LOQ	0,05
<b>benzidine</b>	92-87-5	< LOQ	0,05
<b>o-aminoazotoluene</b>	97-56-3	< LOQ	0,05
<b>o-anisidine</b>	90-04-0	< LOQ	0,05
<b>o-toluidine</b>	95-53-4	< LOQ	0,05
<b>p-cresidine</b>	120-71-8	< LOQ	0,05

Note: LOQ: limit of quantification

\* Test not accredited by ACCREDIA

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CW1265	<b>Water: Determination of UV Absorbers *</b>
<i>Test methods</i>	<b>EPA 3510C:1996 + EPA 8321B:2007 - ref. DIN 54231-2022</b>

Rev. 0 del 06/04/2020

*Testing conditions* LLE / SPE extraction  
*Testing equipment* GC-MSMS / LC-MSMS  
*Testing date* 29/11/2023

<i>Sample identification</i>	<b>POZZETTO ACQUA DI SCARICO</b>
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Parameter	CAS	Result (µg/L)	LOQ (µg/L)
<b>2-(2H-Benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)</b>	36437-37-3	< LOQ	10
<b>2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)</b>	25973-55-1	< LOQ	10
<b>benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)</b>	3846-71-7	< LOQ	10
<b>2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)</b>	3864-99-1	< LOQ	10

Note: LOQ: limit of quantification

\* Test not accredited by ACCREDIA

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CW1000	<b>Water quality -Determination of heavy metals</b>
<i>Test methods</i>	<b>EPA 200.8 rev. 5.4</b>

Rev. 0 del 06/04/2020

*Testing conditions* Filtered sample  
*Testing equipment* ICP-MS  
*Testing date* 28/11/2023

<i>Sample identification</i>	<b>POZZETTO ACQUA DI SCARICO</b>
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Parameter	CAS	Result (mg/L)	LOQ (mg/L)
<b>Antimony</b>	7440-36-0	<b>44,99</b>	0,01
<b>Selenium</b>	7782-49-2	<b>1,61</b>	0,02
<b>Tin*</b>	7440-31-5	<b>0,18</b>	0,03
<b>Barium</b>	7440-39-3	<b>203,74</b>	0,03
<b>Arsenic</b>	7440-38-2	<b>0,890</b>	0,005
<b>Cadmium</b>	7440-43-9	<b>0,13</b>	0,01
<b>Chromium</b>	7440-47-3	<b>22,41</b>	0,02
<b>Cobalt</b>	7440-48-4	<b>0,39</b>	0,01
<b>Copper</b>	7440-50-8	<b>14,08</b>	0,01
<b>Zinc</b>	7440-66-6	<b>303,97</b>	0,05
<b>Nickel</b>	7440-02-0	<b>1,67</b>	0,01
<b>Silver*</b>	7440-38-2	<b>&lt; LOQ</b>	0,005
<b>Mercury</b>	7439-97-6	<b>0,040</b>	0,001
<b>Lead</b>	7439-92-1	<b>0,53</b>	0,01

Note: LOQ: limit of quantification

\* Test not accredited by ACCREDIA



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CW0990	<b>Water quality -Determination of Hexavalent Chromium</b>
<i>Test methods</i>	<b>ISO 18412:2005</b>

Rev. 0 del 06/04/2020

*Testing conditions* DPC derivatisation  
*Testing equipment* UV-VIS Spectrophotometer  
*Testing date* 29/11/2023

<i>Sample identification</i>	<b>POZZETTO ACQUA DI SCARICO</b>
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Parameter	CAS	Result (mg/L)	LOQ (mg/L)
<b>Chromium VI</b>	18540-29-9	<b>&lt; LOQ</b>	0,001

Note: LOQ: limit of quantification

End of Test Report