



TEST REPORT: 24.35912R1

This report is composed by 13 pages, of which: 2 pages for the Summary
11 pages for the Report

This report cancels and replaces the previous one (24.35912) issued on 27/09/24.

Date in sample: 10 September 2024

Issue date: 5 November 2024

FACILITY

TEXCENE SPA

Via E. Capitanio,9
24020 CENE BG ITALIA

SAMPLE DESCRIPTION

Date and time of the beginning of sampling: 10-09-2024 8:20
Date and time of the end of sampling: 10-09-2024 16:00
Date Received Sample: 10-09-2024
Sampling by: UL In-Charge Technician according to SOP 200-AT-S0059
Sampler certification number: ZDHC-A-21-E-C001068-R247A-673EE
Discharge Type: Indirect Discharge With Pretreatment
WATER - TEXCENE SPA, Via E. Capitanio 9, 24020 - Cene (BG)

INCOMING WATER
SAMPLING LOCATION: WELL WATER TAP
SAMPLING METHOD: SINGLE GRAB

UNTREATED WATER
SAMPLING LOCATION: PRODUCTION WASTEWATER COLLECTION TANK
SAMPLING METHOD: COMPOSITE SAMPLE

EFFLUENT WATER
SAMPLING LOCATION: WELL S1
SAMPLING METHOD: COMPOSITE SAMPLE
PRETREATMENT: GRID REMOVAL WITH SCREEN LESS THAN 6mm OPENING. PRELIMINARY TREATMENT (EQUALIZATION BASIN, FILTRATION, pH ADJUSTMENT), PRIMARY TREATMENT (DISSOLVED AIR FLOTATION)





This report cancels and replaces the previous one (24.35912) issued on 27/09/24.

TEST REPORT: 24.35912R1 Rev. No.: 1 dated 05 Nov 2024

Test Name	Incoming	Untreated	Effluent		Comment
Alkylphenol and Alkylphenol Ethoxylates	//	No Detected	//		
Determination of Anti-Microbials & Biocides (o-Phenylphenol)	//	No Detected	//		
Determination of Anti-Microbials & Biocides (Triclosan)	//	No Detected	//		
Determination of Anti-Microbials & Biocides (Permethrin)	//	No Detected	//		
Determination of short-chain chlorinated paraffins (SCCPs)	//	No Detected	//		
Determination of medium-chain chlorinated paraffins (MCCPs)	//	No Detected	//		
Chlorobenzenes and Chlorotoluenes	//	No Detected	//		
Chlorophenols	//	No Detected	//		
Determination of Dimethylformamide (DMFa)	//	No Detected	//		
Carcinogenic Dyes	//	No Detected	//		
Disperse Dyes (Allergenic)	//	No Detected	//		
Determination of Navy Blue	//	No Detected	//		
Flame Retardants	//	No Detected	//		
Flame Retardants	No Detected	Detected	//		
Glycols	//	No Detected	//		
Halogenated Solvents	//	No Detected	//		
Organotin Compounds	No Detected	Detected	//		
Other/Miscellaneous Chemicals: AEEA [2-(2-aminoethylamino) ethanol]	//	No Detected	//		
Other/Miscellaneous Chemicals: Bisphenol A (BPA)	//	No Detected	//		
Other/Miscellaneous Chemicals: Thiourea	//	No Detected	//		
Other/Miscellaneous Chemicals: Quinoline	//	No Detected	//		
Other/Miscellaneous Chemicals: Borate, Zinc salt	No Detected	Detected	//		
Perfluorinated and Polyfluorinated Chemicals (PFCs)	//	No Detected	//		
Phthalates	//	No Detected	//		
Polycyclic Aromatic Hydrocarbons (PAH)	//	No Detected	//		
Aromatic Amines	//	No Detected	//		
UV Absorbers	//	No Detected	//		
Volatile Organic Compounds (VOC)	//	No Detected	//		
Metals	//	//	See comment		ASPIRATIONAL
Cr (VI) - Hexavalent Chromium	//	//	See comment		ASPIRATIONAL

NA = Not Applicable; NR = Not Required

NOTE ON REVISED: We revised this report to add missing information if sampling.**Note:** it is prohibited the partial reproduction, any changes or modifications of this test report.

Data contained in the first page of this document have been declared by the client, the laboratory is not responsible for the results that could be influenced by such data.

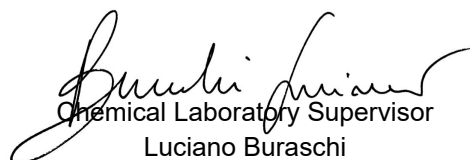
Data related to the sample have been provided by the customer.

The results are exclusively referred to the samples tested as received by the laboratory unless otherwise specified.

Conclusions/judgments are expressed with exclusive reference to parts detailed in the following pages and based on limits there specified.

Recovery between 80-110% is not indicated on test reports and it is not considered in the final calculation.

DECISION RULE: The declaration of conformity is given not taking into account the measurement uncertainty.



Chemical Laboratory Supervisor
Luciano Buraschi

This report cancels and replaces the previous one (24.35912) issued on 27/09/24.

TEST REPORT: 24.35912R1a Rev. No.: 1 dated 04 November 2024

	CAS No.	limit	udm	Incoming	Untreated	Effluent		
Alkylphenol and Alkylphenol Ethoxylates 286-AT-L0084 Issue 1.0 2022								
Nonylphenol (NP)	104-40-5/11066-49-2/25154-52-3/84852-15-3	< 5	µg/L	NA	< 5	NA		
Octylphenol (OP)	140-66-9/1806-26-4/27193-28-8	< 5	µg/L	NA	< 5	NA		
Octylphenol ethoxylates, (OPEO)	9002-93-1/9036-19-5/68987-90-6	< 5	µg/L	NA	< 5	NA		
Nonylphenol ethoxylates(NPEO)	9016-45-9/26027-38-3/37205-87-1/68412-54-4/127087-87-0	< 5	µg/L	NA	< 5	NA		
Determination of Anti-Microbials & Biocides (o-Phenylphenol) 286-AT-L0067 Issue 1.0 2022								
o-Phenylphenol	90-3-7	< 100	µg/L	NA	< 100	NA		
Determination of Anti-Microbials & Biocides (Triclosan) 286-AT-L0067 Issue 1.0 2022								
Triclosan	3380-34-5	< 100	µg/L	NA	< 100	NA		
Determination of Anti-Microbials & Biocides (Permethrin) 286-AT-L0068 Issue 1.0 2022								
Permethrin	Various	< 500	µg/L	NA	< 500	NA		
Determination of short-chain chlorinated paraffins (SCCPs) ISO 12010:2019								
Short chain (SCCPs) C10-C13	85535-84-8	< 25	µg/L	NA	< 25	NA		
Determination of medium-chain chlorinated paraffins (MCCPs) According to ISO 18219-2:2021								
Medium-chain (MCCPs) C14-C17	85535-85-9	< 500	µg/L	NA	< 500	NA		
Chlorobenzenes and Chlorotoluenes 286-AT-L0069 Issue 1.0 2022								
Monochlorobenzene	108-90-7	< 0,2	µg/L	NA	< 0,2	NA		
1,2-dichlorobenzene	95-50-1	< 0,2	µg/L	NA	< 0,2	NA		
1,3-dichlorobenzene	541-73-1	< 0,2	µg/L	NA	< 0,2	NA		
1,4-dichlorobenzene	106-46-7	< 0,2	µg/L	NA	< 0,2	NA		
1,2,3-trichlorobenzene	87-61-6	< 0,2	µg/L	NA	< 0,2	NA		
1,2,4-trichlorobenzene	120-82-1	< 0,2	µg/L	NA	< 0,2	NA		
1,3,5-trichlorobenzene	108-70-3	< 0,2	µg/L	NA	< 0,2	NA		
1,2,3,4-tetrachlorobenzene	634-66-2	< 0,2	µg/L	NA	< 0,2	NA		
1,2,3,5-tetrachlorobenzene	634-90-2	< 0,2	µg/L	NA	< 0,2	NA		
1,2,4,5-tetrachlorobenzene	95-94-3	< 0,2	µg/L	NA	< 0,2	NA		
Pentachlorobenzene	608-93-5	< 0,2	µg/L	NA	< 0,2	NA		
Hexachlorobenzene	118-74-1	< 0,2	µg/L	NA	< 0,2	NA		
2-chlorotoluene	95-49-8	< 0,2	µg/L	NA	< 0,2	NA		

<Tabella non correlata>

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TEST REPORT: 24.35912R1a Rev. No.: 1 dated 04 November 2024

	CAS No.	limit	udm	Incoming	Untreated	Effluent		
3-chlorotoluene	108-41-8	< 0,2	µg/L	NA	< 0,2	NA		
4-chlorotoluene	106-43-4	< 0,2	µg/L	NA	< 0,2	NA		
2,3-dichlorotoluene	32768-54-0	< 0,2	µg/L	NA	< 0,2	NA		
2,4-dichlorotoluene	95-73-8	< 0,2	µg/L	NA	< 0,2	NA		
2,5-dichlorotoluene	19398-61-9	< 0,2	µg/L	NA	< 0,2	NA		
2,6-dichlorotoluene	118-69-4	< 0,2	µg/L	NA	< 0,2	NA		
3,4-dichlorotoluene	95-75-0	< 0,2	µg/L	NA	< 0,2	NA		
3,5-dichlorotoluene	25186-47-4	< 0,2	µg/L	NA	< 0,2	NA		
2,3,4-trichlorotoluene	7359-72-0	< 0,2	µg/L	NA	< 0,2	NA		
2,3,6-trichlorotoluene	2077-46-5	< 0,2	µg/L	NA	< 0,2	NA		
2,4,5-trichlorotoluene	6639-30-1	< 0,2	µg/L	NA	< 0,2	NA		
2,4,6-trichlorotoluene	23749-65-7	< 0,2	µg/L	NA	< 0,2	NA		
3,4,5-trichlorotoluene	21472-86-6	< 0,2	µg/L	NA	< 0,2	NA		
2,3,4,5-tetrachlorotoluene	76057-12-0	< 0,2	µg/L	NA	< 0,2	NA		
2,3,5,6-tetrachlorotoluene	29733-70-8	< 0,2	µg/L	NA	< 0,2	NA		
2,3,4,6-tetrachlorotoluene	875-40-1	< 0,2	µg/L	NA	< 0,2	NA		
Pentachlorotoluene	877-11-2	< 0,2	µg/L	NA	< 0,2	NA		

Chlorophenols
 EN 12673:1998

2-Chlorophenol	95-57-8	< 0,5	µg/L	NA	< 0,5	NA		
3-Chlorophenol	108-43-0	< 0,5	µg/L	NA	< 0,5	NA		
4-Chlorophenol	106-48-9	< 0,5	µg/L	NA	< 0,5	NA		
2,3-Dichlorophenol	576-24-9	< 0,5	µg/L	NA	< 0,5	NA		
2,4-Dichlorophenol	120-83-2	< 0,5	µg/L	NA	< 0,5	NA		
2,5-Dichlorophenol	583-78-8	< 0,5	µg/L	NA	< 0,5	NA		
2,6-Dichlorophenol	87-65-0	< 0,5	µg/L	NA	< 0,5	NA		
3,4-Dichlorophenol	95-77-2	< 0,5	µg/L	NA	< 0,5	NA		
3,5-Dichlorophenol	591-35-5	< 0,5	µg/L	NA	< 0,5	NA		
2,3,4-Trichlorophenol	15950-66-0	< 0,5	µg/L	NA	< 0,5	NA		
2,3,5-Trichlorophenol	933-78-8	< 0,5	µg/L	NA	< 0,5	NA		
2,3,6-Trichlorophenol	933-75-5	< 0,5	µg/L	NA	< 0,5	NA		
2,4,5-Trichlorophenol	95-95-4	< 0,5	µg/L	NA	< 0,5	NA		
2,4,6-Trichlorophenol	88-06-2	< 0,5	µg/L	NA	< 0,5	NA		
3,4,5-Trichlorophenol	609-19-8	< 0,5	µg/L	NA	< 0,5	NA		

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TEST REPORT: 24.35912R1a Rev. No.: 1 dated 04 November 2024

	CAS No.	limit	udm	Incoming	Untreated	Effluent		
2,3,4,5-Tetrachlorophenol	4901-51-3	< 0,5	µg/L	NA	< 0,5	NA		
2,3,4,6-Tetrachlorophenol	58-90-2	< 0,5	µg/L	NA	< 0,5	NA		
2,3,5,6-Tetrachlorophenol	935-95-5	< 0,5	µg/L	NA	< 0,5	NA		
Pentachlorophenol	87-86-5	< 0,5	µg/L	NA	< 0,5	NA		

Determination of Dimethylformamide (DMFa)
286-AT-L0070 Issue 1.0 2022

Dimethylformamide (DMFa)	68-12-2	< 1000	µg/L	NA	< 1000	NA		
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Carcinogenic Dyes
286-AT-L0085 Issue 1.0 2022

Basic Violet 3	548-62-9	< 500	µg/L	NA	< 500	NA		
Acid Red 26	3761-53-3	< 500	µg/L	NA	< 500	NA		
Acid Violet 49	1694-09-3	< 500	µg/L	NA	< 500	NA		
Basic Blue 26	2580-56-5	< 500	µg/L	NA	< 500	NA		
Basic Green 4 (Malachite Green Chloride)	569-64-2	< 500	µg/L	NA	< 500	NA		
Basic Green 4 (Malachite Green Oxalate)	2437-29-8	< 500	µg/L	NA	< 500	NA		
Basic Green 4 (Malachite Green)	10309-95-2	< 500	µg/L	NA	< 500	NA		
Basic Red 9	569-61-9	< 500	µg/L	NA	< 500	NA		
Basic Violet 14	632-99-5	< 500	µg/L	NA	< 500	NA		
Direct Black 38	1937-37-7	< 500	µg/L	NA	< 500	NA		
Direct Blue 6	573-58-0	< 500	µg/L	NA	< 500	NA		
Direct Red 28	573-58-0	< 500	µg/L	NA	< 500	NA		
Disperse Blue 1	2475-45-8	< 500	µg/L	NA	< 500	NA		
Disperse Blue 3	2475-46-9	< 500	µg/L	NA	< 500	NA		
Disperse Orange 11	82-28-0	< 500	µg/L	NA	< 500	NA		

Disperse Dyes (Allergenic)
286-AT-L0085 Issue 1.0 2022

Disperse Blue 102	12222-97-8	< 50	µg/L	NA	< 50	NA		
Disperse Blue 106	12223-01-07	< 50	µg/L	NA	< 50	NA		
Disperse Blue 124	61951-51-7	< 50	µg/L	NA	< 50	NA		
Disperse Blue 26	3860-63-7	< 50	µg/L	NA	< 50	NA		
Disperse Blue 35	12222-75-2	< 50	µg/L	NA	< 50	NA		
Disperse Blue 7	3179-90-6	< 50	µg/L	NA	< 50	NA		
Disperse Brown 1	23355-64-8	< 50	µg/L	NA	< 50	NA		
Disperse Orange 1	2581-69-3	< 50	µg/L	NA	< 50	NA		

<Tabella non correlata>

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TEST REPORT: 24.35912R1a Rev. No.: 1 dated 04 November 2024

	CAS No.	limit	udm	Incoming	Untreated	Effluent		
Disperse Orange 3	730-40-5	< 50	µg/L	NA	< 50	NA		
Disperse Orange 37/59/76	13301-61-6	< 50	µg/L	NA	< 50	NA		
Disperse Red 1	2872-52-8	< 50	µg/L	NA	< 50	NA		
Disperse Red 11	2872-48-2	< 50	µg/L	NA	< 50	NA		
Disperse Red 17	3179-89-3	< 50	µg/L	NA	< 50	NA		
Disperse Yellow 1	119-15-3	< 50	µg/L	NA	< 50	NA		
Disperse Yellow 3	2832-40-8	< 50	µg/L	NA	< 50	NA		
Disperse Yellow 39	12236-29-2	< 50	µg/L	NA	< 50	NA		
Disperse Yellow 49	6858-49-7	< 50	µg/L	NA	< 50	NA		
Disperse Yellow 9	6373-73-5	< 50	µg/L	NA	< 50	NA		
Disperse Blue 35a	56524-77-7	< 50	µg/L	NA	< 50	NA		

note: CAS Number of the mixture 12222-75-2, is the sum of the components Disperse Blue 35A (CAS 56524-77-7) and Disperse Blue 35B (CAS 56524-76-6).

Determination of Navy Blue

286-AT-L0085 Issue 1.0 2022

Navy Blue (Component 1)	118685-33-9	< 500	µg/L	NA	< 500	NA		
Navy Blue (Component 2)	-	< 500	µg/L	NA	< 500	NA		

Flame Retardants

286-AT-L0072 Issue 1.0 2022

BBMP	3296-90-0	< 25	µg/L	NA	< 25	NA		
BIS	5412-25-9	< 25	µg/L	NA	< 25	NA		
DecaBDE	1163-19-5	< 25	µg/L	NA	< 25	NA		
HBCDD	3194-55-6	< 25	µg/L	NA	< 25	NA		
OctaBDE	32536-52-0	< 25	µg/L	NA	< 25	NA		
PentaBDE	32534-81-9	< 25	µg/L	NA	< 25	NA		
PBB	59536-65-1	< 25	µg/L	NA	< 25	NA		
TBBPA	79-94-7	< 25	µg/L	NA	< 25	NA		
TCPP	13674-84-5	< 25	µg/L	NA	< 25	NA		
TEPA	545-55-1	< 25	µg/L	NA	< 25	NA		
TDCP	13674-87-8	< 25	µg/L	NA	< 25	NA		
TCEP	115-96-8	< 25	µg/L	NA	< 25	NA		
TRIS	126-72-7	< 25	µg/L	NA	< 25	NA		
DecaBB	13654-09-6	< 25	µg/L	NA	< 25	NA		
DiBB	Multiple	< 25	µg/L	NA	< 25	NA		
OctaBB	Multiple	< 25	µg/L	NA	< 25	NA		

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TEST REPORT: 24.35912R1a Rev. No.: 1 dated 04 November 2024

	CAS No.	limit	udm	Incoming	Untreated	Effluent		
BDDP	21850-44-2	< 25	µg/L	NA	< 25	NA		
HeptaBDE	68928-80-3	< 25	µg/L	NA	< 25	NA		
HexaBDE	36483-60-0	< 25	µg/L	NA	< 25	NA		
MonoBB	Multiple	< 25	µg/L	NA	< 25	NA		
MonoBDE	Multiple	< 25	µg/L	NA	< 25	NA		
NonaBB	Multiple	< 25	µg/L	NA	< 25	NA		
NonaBDE	63936-56-1	< 25	µg/L	NA	< 25	NA		
TetraBDE	40088-47-9	< 25	µg/L	NA	< 25	NA		
TriBDE	Multiple	< 25	µg/L	NA	< 25	NA		

Flame Retardants

ISO 17294-2:2023

Boric Acid (*)	10043-35-3/11113-50-1	< 100	µg/L	< 100	1840	NA		
Diboron Trioxide (*)	1303-86-2	< 100	µg/L	< 100	1036	NA		
Disodium Octaborate (*)	12008-41-2	< 100	µg/L	< 100	1268	NA		
Disodium Tetraborate Anhydrous (*)	1303-96-4/1330-43-4	< 100	µg/L	< 100	1493	NA		
Tetraboron Disodium Heptaoxide, hydrate (*)	12267-73-1	< 100	µg/L	< 100	1631	NA		

note: Determinated as total boron (B) via ICP.
Nitric acid digestion using microwave-assisted heating according to ISO 15587-2:2022.

Glycols

286-AT-L0073 Issue 1.0 2022

Bis(2-methoxyethyl)-ether	111-96-6	< 50	µg/L	NA	< 50	NA		
2-ethoxyethanol	110-80-5	< 50	µg/L	NA	< 50	NA		
2-ethoxyethyl acetate	111-15-9	< 50	µg/L	NA	< 50	NA		
Ethylene glycol dimethyl ether	110-71-4	< 50	µg/L	NA	< 50	NA		
2-methoxyethanol	109-86-4	< 50	µg/L	NA	< 50	NA		
2-methoxyethylacetate	110-49-6	< 50	µg/L	NA	< 50	NA		
2-methoxypropylacetate	70657-70-4	< 50	µg/L	NA	< 50	NA		
Triethylene glycol dimethyl ether	112-49-2	< 50	µg/L	NA	< 50	NA		

Halogenated Solvents

286-AT-L0074 Issue 1.0 2022

1,2-Dichloroethane	107-06-2	< 1,0	µg/L	NA	< 1,0	NA		
Methylene chloride	75-09-2	< 1,0	µg/L	NA	< 1,0	NA		
Trichloroethylene	79-01-6	< 1,0	µg/L	NA	< 1,0	NA		
Tetrachloroethylene	127-18-4	< 1,0	µg/L	NA	< 1,0	NA		

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	CAS No.	limit	udm	Incoming	Untreated	Effluent		
Organotin Compounds ISO 17353:2004								
DPrT	Multiple	< 0,01	µg/L	< 0,01	< 0,01	NA		
Mono-, di-, tri-butyltin derivates	Multiple	< 0,01	µg/L	< 0,01	< 0,01	NA		
Mono-, di-, tri-methyltin derivates	Multiple	< 0,01	µg/L	< 0,01	< 0,01	NA		
Mono-, di-, tri-octyltin derivates	Multiple	< 0,01	µg/L	< 0,01	< 0,01	NA		
Mono-, di-, tri-phenyltin derivates	Multiple	< 0,01	µg/L	< 0,01	< 0,01	NA		
TeBT	Multiple	< 0,01	µg/L	< 0,01	< 0,01	NA		
TPrT	Multiple	< 0,01	µg/L	< 0,01	< 0,01	NA		
TeOT	Multiple	< 0,01	µg/L	< 0,01	< 0,01	NA		
TCyHT	Multiple	< 0,01	µg/L	< 0,01	< 0,01	NA		
TeET	Multiple	< 0,01	µg/L	< 0,01	0,084	NA		
DBT	1002-53-5	< 0,01	µg/L	< 0,01	< 0,01	NA		

Other/Miscellaneous Chemicals: AEEA [2-(2-aminoethylamino) ethanol] 286-AT-L0086 Issue 1.0 2022								
AEEA [2-(2-aminoethylamino) ethanol]	111-41-1	< 500	µg/L	NA	< 500	NA		

Other/Miscellaneous Chemicals: Bisphenol A (BPA) 286-AT-L0087 Issue 1.0 2022								
Bisphenol A	80-05-07	< 10	µg/L	NA	< 10	NA		

Other/Miscellaneous Chemicals: Thiourea 286-AT-L0088 Issue 1.0 2022								
Thiourea	62-56-6	< 50	µg/L	NA	< 50	NA		

Other/Miscellaneous Chemicals: Quinoline 286-AT-L0085 Issue 1.0 2022								
Quinoline	91-22-5	< 50	µg/L	NA	< 50	NA		

Other/Miscellaneous Chemicals: Borate, Zinc salt ISO 17294-2:2023								
Borate, Zinc salt	12767-90-7	< 100	µg/L	< 100	786	NA		

note: Determinated as total boron (B) and total zinc (Zn) via ICP.
Nitric acid digestion using microwave-assisted heating according to ISO 15587-2:2022.

Perfluorinated and Polyfluorinated Chemicals (PFCs) ISO 21675:2019 + 286-AT-L0082 Issue 1.0 2022								
PFOS	1763-23-1	< 0,01	µg/L	NA	< 0,01	NA		
PFOA	335-67-1	< 0,01	µg/L	NA	< 0,01	NA		
PFBS	375-73-5	< 0,01	µg/L	NA	< 0,01	NA		
PFHpS	375-92-8	< 0,01	µg/L	NA	< 0,01	NA		
PFDS/PFDcS	335-77-3/126105-34-8	< 0,01	µg/L	NA	< 0,01	NA		
1H,1H,2H,2H-PFOS	27619-97-2	< 0,01	µg/L	NA	< 0,01	NA		

<Tabella non correlata>

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TEST REPORT: 24.35912R1a Rev. No.: 1 dated 04 November 2024

	CAS No.	limit	udm	Incoming	Untreated	Effluent		
PFHxS	355-46-4	< 0,01	µg/L	NA	< 0,01	NA		
PFBA	375-22-4	< 1,0	µg/L	NA	< 1,0	NA		
PFPA	2706-90-3	< 1,0	µg/L	NA	< 1,0	NA		
PFHxA	307-24-4	< 1,0	µg/L	NA	< 1,0	NA		
PFHpA	375-85-9	< 1,0	µg/L	NA	< 1,0	NA		
PFNA	375-95-1	< 1,0	µg/L	NA	< 1,0	NA		
PFDA/PFDcA	335-76-2	< 1,0	µg/L	NA	< 1,0	NA		
PFUnA	2058-94-8	< 1,0	µg/L	NA	< 1,0	NA		
PFDcA	307-55-1	< 1,0	µg/L	NA	< 1,0	NA		
PFTeA	376-06-7	< 1,0	µg/L	NA	< 1,0	NA		
HPFHpA	1546-95-8	< 1,0	µg/L	NA	< 1,0	NA		
PF-3,7-DMOA	172155-07-6	< 1,0	µg/L	NA	< 1,0	NA		
H2PFDA	27854-31-5	< 1,0	µg/L	NA	< 1,0	NA		
6:2 FTA	17527-29-6	< 1,0	µg/L	NA	< 1,0	NA		
8:2 FTA	27905-45-9	< 1,0	µg/L	NA	< 1,0	NA		
10:2 FTA	17741-60-5	< 1,0	µg/L	NA	< 1,0	NA		
4:2 FTOH	2043-47-2	< 1,0	µg/L	NA	< 1,0	NA		
6:2 FTOH	647-42-7	< 1,0	µg/L	NA	< 1,0	NA		
8:2 FTOH	678-39-7	< 1,0	µg/L	NA	< 1,0	NA		
10:2 FTOH	865-86-1	< 1,0	µg/L	NA	< 1,0	NA		

Phthalates

286-AT-L0089 Issue 1.0 2022

DEHP	117-81-7	< 10	µg/L	NA	< 10	NA		
BBP	85-68-7	< 10	µg/L	NA	< 10	NA		
DBP	84-74-2	< 10	µg/L	NA	< 10	NA		
DEP	84-66-2	< 10	µg/L	NA	< 10	NA		
DNOP	117-84-0	< 10	µg/L	NA	< 10	NA		
DINP	28553-12-0	< 10	µg/L	NA	< 10	NA		
DIDP	26761-40-0	< 10	µg/L	NA	< 10	NA		
DIBP	84-69-5	< 10	µg/L	NA	< 10	NA		
DnHP	84-75-3	< 10	µg/L	NA	< 10	NA		
DMEP	117-82-8	< 10	µg/L	NA	< 10	NA		
DPRP	131-16-8	< 10	µg/L	NA	< 10	NA		
DIOP	27554-26-3	< 10	µg/L	NA	< 10	NA		

This report cancels and replaces the previous one (24.35912) issued on 27/09/24.

TEST REPORT: 24.35912R1a Rev. No.: 1 dated 04 November 2024

	CAS No.	limit	udm	Incoming	Untreated	Effluent		
DCHP	84-61-7	< 10	µg/L	NA	< 10	NA		
DNP	84-76-4	< 10	µg/L	NA	< 10	NA		
DHNUP	68515-42-4/68515-50-4	< 10	µg/L	NA	< 10	NA		
DIHP	71888-89-6/84777-06-0	< 10	µg/L	NA	< 10	NA		
DPP	131-18-0	< 10	µg/L	NA	< 10	NA		
DIPP	605-50-5	< 10	µg/L	NA	< 10	NA		

Polycyclic Aromatic Hydrocarbons (PAH)
 ISO 28540:2011

Benzo(a)pyrene	50-32-8	< 1,0	µg/L	NA	< 1,0	NA		
Benzo(e)pyrene	192-97-2	< 1,0	µg/L	NA	< 1,0	NA		
Benzo(a)anthracene	56-55-3	< 1,0	µg/L	NA	< 1,0	NA		
Benzo(b)fluoranthene	205-99-2	< 1,0	µg/L	NA	< 1,0	NA		
Benzo(j)fluoranthene	205-82-3	< 1,0	µg/L	NA	< 1,0	NA		
Benzo(k)fluoranthene	207-08-9	< 1,0	µg/L	NA	< 1,0	NA		
Chrysene	218-01-9	< 1,0	µg/L	NA	< 1,0	NA		
Dibenzo(a,h)anthracene	53-70-3	< 1,0	µg/L	NA	< 1,0	NA		
Acenaphthene	83-32-9	< 1,0	µg/L	NA	< 1,0	NA		
Acenaphthylene	208-96-8	< 1,0	µg/L	NA	< 1,0	NA		
Anthracene	120-12-7	< 1,0	µg/L	NA	< 1,0	NA		
Benzo(g,h,i)perylene	191-24-2	< 1,0	µg/L	NA	< 1,0	NA		
Fluoranthene	206-44-0	< 1,0	µg/L	NA	< 1,0	NA		
Fluorene	86-73-7	< 1,0	µg/L	NA	< 1,0	NA		
Indeno(1,2,3-cd)pyrene	193-39-5	< 1,0	µg/L	NA	< 1,0	NA		
Naphthalene	91-20-3	< 1,0	µg/L	NA	< 1,0	NA		
Phenanthrene	85-01-8	< 1,0	µg/L	NA	< 1,0	NA		
Pyrene	129-00-0	< 1,0	µg/L	NA	< 1,0	NA		

Aromatic Amines

286-AT-L0090 Issue 1.0 2022

4-Aminobiphenyl	92-67-1	< 0,1	µg/L	NA	< 0,1	NA		
Benzidine	92-87-5	< 0,1	µg/L	NA	< 0,1	NA		
4-Chloro-o-Toluidine	95-69-2	< 0,1	µg/L	NA	< 0,1	NA		
2-Naphthylamine	91-59-8	< 0,1	µg/L	NA	< 0,1	NA		
o-Aminoazotoluene	97-56-3	< 0,1	µg/L	NA	< 0,1	NA		
5-Nitro-o-Toluidine	99-55-8	< 0,1	µg/L	NA	< 0,1	NA		
4-Chloroaniline	106-47-8	< 0,1	µg/L	NA	< 0,1	NA		

<Tabella non correlata>

page 8 of 11

This report cancels and replaces the previous one (24.35912) issued on 27/09/24.

TEST REPORT: 24.35912R1a Rev. No.: 1 dated 04 November 2024

	CAS No.	limit	udm	Incoming	Untreated	Effluent		
2,4-Diaminoanisole	615-05-4	< 0,1	µg/L	NA	< 0,1	NA		
4.4-Diaminodiphenylmethane	101-77-9	< 0,1	µg/L	NA	< 0,1	NA		
3,3'-Dichlorobenzidine	91-94-1	< 0,1	µg/L	NA	< 0,1	NA		
3.3-Dimethoxybenzidine	119-90-4	< 0,1	µg/L	NA	< 0,1	NA		
3.3-Dimethylbenzidine	119-93-7	< 0,1	µg/L	NA	< 0,1	NA		
3.3-dimethyl-4.4-diaminodiphenylmethane	838-88-0	< 0,1	µg/L	NA	< 0,1	NA		
p-Cresidine	120-71-8	< 0,1	µg/L	NA	< 0,1	NA		
4.4-methylenebis(2-chloroaniline)	101-14-4	< 0,1	µg/L	NA	< 0,1	NA		
4,4'-Oxydianiline	101-80-4	< 0,1	µg/L	NA	< 0,1	NA		
4,4'-Thiodianiline	139-65-1	< 0,1	µg/L	NA	< 0,1	NA		
o-Toluidine	95-53-4	< 0,1	µg/L	NA	< 0,1	NA		
2,4-Toluendiamine	95-80-7	< 0,1	µg/L	NA	< 0,1	NA		
2.4.5-Trimethylaniline	137-17-7	< 0,1	µg/L	NA	< 0,1	NA		
o-Anisidine	90-04-0	< 0,1	µg/L	NA	< 0,1	NA		
4-aminoazobenzene	60-09-3	< 0,1	µg/L	NA	< 0,1	NA		
2,4-Xylidine	95-68-1	< 0,1	µg/L	NA	< 0,1	NA		
2,6-Xylidine	87-62-7	< 0,1	µg/L	NA	< 0,1	NA		
4-Chloro-o-toluidinium chloride	3165-93-3	< 0,1	µg/L	NA	< 0,1	NA		
2-Naphtylammoniumacetate	553-00-4	< 0,1	µg/L	NA	< 0,1	NA		
2,4-Diaminoanisole sulphate	39156-41-7	< 0,1	µg/L	NA	< 0,1	NA		
2,4,5-Trimethylaniline hydrochloride	21436-97-5	< 0,1	µg/L	NA	< 0,1	NA		

UV Absorbers

286-AT-L0091 Issue 1.0 2022

UV-320	3846-71-7	< 100	µg/L	NA	< 100	NA		
UV-328	25973-55-1	< 100	µg/L	NA	< 100	NA		
UV-327	3864-99-1	< 100	µg/L	NA	< 100	NA		
UV-350	36437-37-3	< 100	µg/L	NA	< 100	NA		

Volatile Organic Compounds (VOC)

ISO 11423-1:1997

Benzene	71-43-2	< 1,0	µg/L	NA	< 1,0	NA		
Xylene	1330-20-7	< 1,0	µg/L	NA	< 1,0	NA		
o-cresol	95-48-7	< 1,0	µg/L	NA	< 1,0	NA		
p-cresol	106-44-5	< 1,0	µg/L	NA	< 1,0	NA		
m-cresol	108-39-4	< 1,0	µg/L	NA	< 1,0	NA		

<Tabella non correlata>

page 9 of 11

This report cancels and replaces the previous one (24.35912) issued on 27/09/24.

TEST REPORT: 24.35912R1a Rev. No.: 1 dated 04 November 2024

	CAS No.	limit	udm	Incoming	Untreated	Effluent		
Toluene	108-88-3	< 1,0	µg/L	NA	< 1,0	NA		

Cr (VI) - Hexavalent Chromium
 ISO 18412:2005

Chromium VI	18540-29-9	< 0,001	mg/L	NA	NA	< 0,001		
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Metals
 ISO 17294-2:2023

Arsenic (As)	7440-38-2	< 0,005	mg/L	NA	NA	< 0,005		
Cadmium (Cd)	7440-43-9	< 0,01	mg/L	NA	NA	< 0,01		
Lead (Pb)	7439-92-1	< 0,01	mg/L	NA	NA	< 0,01		
Mercury (Hg)	7439-97-6	< 0,001	mg/L	NA	NA	< 0,001		

note: Nitric acid digestion using microwave-assisted heating according to ISO 15587-2:2022.

(*) Test not accredited by ACCREDIA.

This report cancels and replaces the previous one (24.35912) issued on 27/09/24.

TEST REPORT: 24.35912R1a Rev. No.: 1 dated 4 November 2024



Untreated water - 10/09/2024 h. 09:01



Effluent water - 10/09/2024 h. 09:50



Incoming water - 10/09/2024 h. 11:30