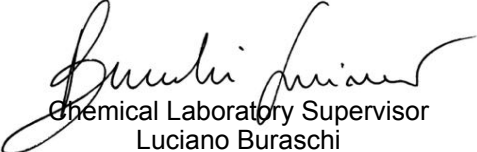


TEST REPORT: 21.94671

dated 04 Nov 2021

Test Name	R0001				Comment
Alkylphenol and Alkylphenol Ethoxylates	No Detected				
Chlorobenzenes	No Detected				
Chlorophenols	No Detected				
Dyes - Azo	No Detected				
Dyes Disperse	No Detected				
Glycols	No Detected				
Organotin Compounds	Detected				
Perfluorinated and Polyfluorinated Chemicals (PFCs)	No Detected				
Phthalates	Detected				
Polycyclic Aromatic Hydrocarbons (PAH)	No Detected				
Flame Retardants	No Detected				
Temperature	//				
TSS -Total suspended solid	//				
pH	//				
Colour	//				
BOD ₅ - Biological oxygen demand (5 days)	//				
Total-P - Total phosphorus	//				
Oil and Grease	//				
Phenols	//				
Coliform (UFC/100ml)	//				
Metals	//				
Total-N - Total nitrogen	//				
Ammonium-N - Ammonium nitrogen	//				
Sulfide	//				
Sulfite	//				
Persistent Foam	//				
Cyanide	//				
AOX	//				
Chlorinated Solvents	Detected				
Determination of chlorinated paraffins	No Detected				
COD - Chemical oxygen demand	//				
Chromium (VI) content	//				

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 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.


 Chemical Laboratory Supervisor
 Luciano Buraschi

TEST REPORT: 21.94671a dated 04 November 2021

	CAS No.	limit	udm	Raw				
Chromium (VI) content ISO 18412:2005								
Cr VI		< 0,001	µg/L	< 0,001				
Temperature According to US EPA 170.1								
T°			C	28				
Persistent Foam N/A								
Persistent Foam		Not persistent	NONE	Not persistent				
TSS -Total suspended solid ISO 11923:1997								
TSS		< 5	mg/L	107				
COD - Chemical oxygen demand ISO 15705:2002								
COD		< 40	mg/L	613				
pH ISO 10523:2008								
pH			NONE	7,4				
Colour ISO 7887-B:2011								
Spectral absorption coefficient λ = 436 nm			m ¹	6,0				
Spectral absorption coefficient λ = 525 nm			m ¹	4,0				
Spectral absorption coefficient λ = 620 nm			m ¹	3,3				
pH value after filtration				7,4				
BOD₅ - Biological oxygen demand (5 days) According to ISO 5815-1:2019 and ISO 5815-2:2003								
BOD ₅		< 5	mg/L	376				
Total-P - Total phosphorus According to ISO 15587:2002, ISO 11885:2007								
Total-P		< 0,1	mg/L	0,88				
Oil and Grease According to ISO 9377-2:2000								
Oil and Grease		< 0,5	mg/L	5,0				

TEST REPORT: 21.94671a dated 04 November 2021

	CAS No.	limit	udm	Raw				
Phenols								
According to APHA 5530C+D								
Phenol	108-95-2	< 0,001	mg/L	< 0,001				
Coliform (UFC/100ml)								
According to ISO 9308-1:2014								
Coliform (UFC/100ml)		< 10	bacteria/100 ml	> 800000				
Metals								
According to ISO 15587:2002, ISO 17294-2:2016 and ISO 11885:2007								
Pb		< 0,01	mg/L	< 0,01				
Cd		< 0,01	mg/L	< 0,01				
Hg		< 0,001	mg/L	< 0,001				
Sb		< 0,01	mg/L	< 0,01				
As		< 0,005	mg/L	< 0,005				
Co		< 0,01	mg/L	< 0,01				
Cu		< 0,25	mg/L	< 0,25				
Ni		< 0,05	mg/L	< 0,05				
Zn		< 0,5	mg/L	< 0,5				
Cr		< 0,05	mg/L	< 0,05				
Ag		< 0,005	mg/L	< 0,005				
Cr (VI) - Hexavalent Chromium								
ISO 18412:2005								
Cr VI		< 0,001	mg/L	< 0,001				
Total-N - Total nitrogen								
ISO 5663:1984								
Total-N		< 5	mg/L	14,8				
Ammonium-N - Ammonium nitrogen								
ISO 7150-1:1984								
Ammonium-N	7664-41-7	< 0,5	mg/L	7,91				
Sulfide								
According to ISO 10530:1992								
Sulfide	18496-25-8	< 0,01	mg/L	< 0,01				
Sulfite								
ISO 10304-3:1997								
Sulfite	14265-45-3	< 0,2	mg/L	< 0,2				

TEST REPORT: 21.94671a dated 04 November 2021

	CAS No.	limit	udm	Raw				
Cyanide								
According to ISO 6703-1:1984								
Cyanide	57-12-5	< 0,05	mg/L	< 0,05				
AOX								
According to ISO 9562:2004								
AOX		< 0,1	mg/L	< 0,1				
Alkylphenol and Alkylphenol Ethoxylates								
According to ISO 18857-2 and ISO 18254-1								
Nonylphenol (NP)	Various	< 1	µg/L	< 1				
Octylphenol (OP)	Various	< 1	µg/L	< 1				
Octylphenol Ethoxylate (OPEO 1-20)	Various	< 1	µg/L	< 1				
Nonylphenol Ethoxylate (NPEO 1-20)	Various	< 1	µg/L	< 1				
Pentylphenol (PP)	Various	< 1	µg/L	< 1				
Heptylphenol (HP)	Various	< 1	µg/L	< 1				
Phthalates								
According to USEPA 8270D								
DEHP	117-81-7	< 1	µg/L	9,89				
BBP	85-68-7	< 1	µg/L	< 1				
DBP	84-74-2	< 1	µg/L	< 1				
DPP	131-18-0	< 1	µg/L	< 1				
DNOP	117-84-0	< 1	µg/L	< 1				
DINP	28553-12-0	< 1	µg/L	< 1				
DIDP	26761-40-0	< 1	µg/L	< 1				
DIBP	84-69-5	< 1	µg/L	< 1				
DnHP	84-75-3	< 1	µg/L	< 1				
DMEP	117-82-8	< 1	µg/L	< 1				
DiPP	605-50-5	< 1	µg/L	< 1				
nPiP	776297-69-9	< 1	µg/L	< 1				
DHNUP	68515-42-4	< 1	µg/L	< 1				
DIHP	71888-89-6	< 1	µg/L	< 1				
DCHP	84-61-7	< 1	µg/L	< 1				
DIOP	27554-26-3	< 1	µg/L	< 1				
DNP	84-76-4	< 1	µg/L	< 1				
DEP	84-66-2	< 1	µg/L	< 1				
DPRP	131-16-8	< 1	µg/L	< 1				
PBLP	84777-06-0	< 1	µg/L	< 1				

TEST REPORT: 21.94671a dated 04 November 2021

	CAS No.	limit	udm	Raw				
DMP	131-11-3	< 1	µg/L	< 1				
Ortho-phthalic acid	88-99-3	< 1	µg/L	< 1				
DHxP	68515-51-5	< 1	µg/L	< 1				
DPPbI	84777-06-0	< 1	µg/L	< 1				
DHP	68515-50-4	< 1	µg/L	< 1				
DEHA	103-23-1	< 1	µg/L	< 1				
DIHxP	71850-09-4	< 1	µg/L	< 1				
DUP	3648-20-2	< 1	µg/L	< 1				
DheP	3648-21-3	< 1	µg/L	< 1				

Flame Retardants

According to ISO 22032:2006

TCEP	115-96-8	< 5	µg/L	< 5				
decaBDE	1163-19-5	< 5	µg/L	< 5				
TRIS	126-72-7	< 5	µg/L	< 5				
pentaBDE	32534-81-9	< 5	µg/L	< 5				
octaBDE	32536-52-0	< 5	µg/L	< 5				
BBP	5412-25-9	< 5	µg/L	< 5				
TDCPP	13674-87-8	< 5	µg/L	< 5				
tetraBDE	40088-47-9	< 5	µg/L	< 5				
TBBPA	79-94-7	< 5	µg/L	< 5				
HBCDD	3194-55-6	< 5	µg/L	< 5				
HexaBDE	36483-60-0	< 5	µg/L	< 5				
TCCP	13674-84-5	< 5	µg/L	< 5				
HeptaBDE	68928-80-3	< 5	µg/L	< 5				
NonaBDE	63936-56-1	< 5	µg/L	< 5				
PBDEs	Various	< 5	µg/L	< 5				
MonoBDE	Various	< 5	µg/L	< 5				
DiBDE	Various	< 5	µg/L	< 5				
TriBDE	Various	< 5	µg/L	< 5				
TEPA	5455-55-1	< 5	µg/L	< 5				
PBB	59536-65-1	< 5	µg/L	< 5				
BDBPT	21850-44-2	< 5	µg/L	< 5				
HBCDD	25637-99-4	< 5	µg/L	< 5				
TBB	183658-27-7	< 5	µg/L	< 5				
TBPH	26040-51-7	< 5	µg/L	< 5				

TEST REPORT: 21.94671a dated 04 November 2021

	CAS No.	limit	udm	Raw				
TPP	115-86-6	< 5	µg/L	< 5				
TMP	512-56-1	< 5	µg/L	< 5				
BBMP	3296-90-0	< 5	µg/L	< 5				
TXP	25155-23-1	< 5	µg/L	< 5				
ToCP	78-30-8	< 5	µg/L	< 5				
TmCP	563-04-2	< 5	µg/L	< 5				

Dyes - Azo

According to EN ISO 14362-1:2017 , EN ISO 14362-3:2017

4,4'-methylene-bis-(2-chloro-aniline)	101-14-4	< 0,1	µg/L	< 0,1				
4,4'-methylenedianiline	101-77-9	< 0,1	µg/L	< 0,1				
4,4'-oxydianiline	101-80-4	< 0,1	µg/L	< 0,1				
4-chloroaniline	106-47-8	< 0,1	µg/L	< 0,1				
3,3'-dimethoxybenzidine	119-90-4	< 0,1	µg/L	< 0,1				
3,3'-dimethylbenzidine	119-93-7	< 0,1	µg/L	< 0,1				
6-methoxy-m-toluidine	120-71-8	< 0,1	µg/L	< 0,1				
2,4,5-trimethylaniline	137-17-7	< 0,1	µg/L	< 0,1				
4,4'-thiodianiline	139-65-1	< 0,1	µg/L	< 0,1				
4-aminoazobenzene	60-09-3	< 0,1	µg/L	< 0,1				
4-methoxy-m-phenylenediamine	615-05-4	< 0,1	µg/L	< 0,1				
4,4'-methylene-di-o-toluidine	838-88-0	< 0,1	µg/L	< 0,1				
o-aminoazotoluene	97-56-3	< 0,1	µg/L	< 0,1				
o-anisidine	90-04-0	< 0,1	µg/L	< 0,1				
2-naphthylamine	91-59-8	< 0,1	µg/L	< 0,1				
3,3'-dichlorobenzidine	91-94-1	< 0,1	µg/L	< 0,1				
4-aminodiphenyl	92-67-1	< 0,1	µg/L	< 0,1				
Benzidine	92-87-5	< 0,1	µg/L	< 0,1				
o-toluidine	95-53-4	< 0,1	µg/L	< 0,1				
5-nitro-o-toluidine	99-55-8	< 0,1	µg/L	< 0,1				
4-chloro-o-toluidine	95-69-2	< 0,1	µg/L	< 0,1				
4-methyl-m-phenylenediamine	95-80-7	< 0,1	µg/L	< 0,1				
2,4-Xylidine	95-68-1	< 0,1	µg/L	< 0,1				
2,6-Xylidine	87-62-7	< 0,1	µg/L	< 0,1				
4-chloro-o-toluidinium chloride	3165-93-3	< 0,1	µg/L	< 0,1				
2-Naphtylammoniumacetate	553-00-4	< 0,1	µg/L	< 0,1				
2,4-Diaminoanisole sulphate	39156-41-7	< 0,1	µg/L	< 0,1				

TEST REPORT: 21.94671a dated 04 November 2021

	CAS No.	limit	udm	Raw				
2,4,5-Trimethylaniline hydrochloride	21436-97-5	< 0,1	µg/L	< 0,1				

Organotin Compounds

According to ISO 17353:2004

TPhT	Multiple	< 0,01	µg/L	< 0,01				
DPhT	Multiple	< 0,01	µg/L	< 0,01				
TeBT	Multiple	< 0,01	µg/L	< 0,01				
MBT	Multiple	< 0,01	µg/L	< 0,01				
DBT/DBTC/DBB	Multiple	< 0,01	µg/L	< 0,01				
TBT/TBTO	Multiple	< 0,01	µg/L	< 0,01				
TCHT	Multiple	< 0,01	µg/L	< 0,01				
TeET	Multiple	< 0,01	µg/L	0,021				
TPT	Multiple	< 0,01	µg/L	< 0,01				
MOT	Multiple	< 0,01	µg/L	< 0,01				
DOT	Multiple	< 0,01	µg/L	< 0,01				
TCyT	Multiple	< 0,01	µg/L	< 0,01				
DBrT	Multiple	< 0,01	µg/L	< 0,01				
MMT	Multiple	< 0,01	µg/L	< 0,01				
MphT	Multiple	< 0,01	µg/L	< 0,01				
DPrT	Multiple	< 0,01	µg/L	< 0,01				
MET	Multiple	< 0,01	µg/L	< 0,01				
DMT	Multiple	< 0,01	µg/L	< 0,01				
TMT	Multiple	< 0,01	µg/L	< 0,01				
TOT	Multiple	< 0,01	µg/L	< 0,01				

Perfluorinated and Polyfluorinated Chemicals (PFCs)

According to DIN 38407-42

PFBA	375-22-4	< 0,01	µg/L	< 0,01				
PFPeA	2706-90-3	< 0,01	µg/L	< 0,01				
PFHxA	307-24-4	< 0,01	µg/L	< 0,01				
PFHpA	375-85-9	< 0,01	µg/L	< 0,01				
PFOA	335-67-1	< 0,01	µg/L	< 0,01				
PFNA	375-95-1	< 0,01	µg/L	< 0,01				
PFDA	335-76-2	< 0,01	µg/L	< 0,01				
PFUnA	2058-94-8	< 0,01	µg/L	< 0,01				
PFDoA	307-55-1	< 0,01	µg/L	< 0,01				
PFTTrA	72629-94-8	< 0,01	µg/L	< 0,01				

TEST REPORT: 21.94671a dated 04 November 2021

	CAS No.	limit	udm	Raw				
PFteA	376-06-7	< 0,01	µg/L	< 0,01				
PFBS	375-73-5	< 0,01	µg/L	< 0,01				
PFHxS	355-46-4	< 0,01	µg/L	< 0,01				
PFHpS	375-92-8	< 0,01	µg/L	< 0,01				
PFOS	1763-23-1	< 0,01	µg/L	< 0,01				
PFDS	335-77-3	< 0,01	µg/L	< 0,01				
PFHxO	2043-47-2	< 0,01	µg/L	< 0,01				
PFOcO	647-42-7	< 0,01	µg/L	< 0,01				
PFDeO	678-39-7	< 0,01	µg/L	< 0,01				
PFOcAC	17527-29-6	< 0,01	µg/L	< 0,01				
PFDeAC	27905-45-9	< 0,01	µg/L	< 0,01				
PFHxS	355-46-4	< 0,01	µg/L	< 0,01				
PFOSA	754-91-6	< 0,01	µg/L	< 0,01				
HPFHpA	1546-95-8	< 0,01	µg/L	< 0,01				
POSF	307-35-7	< 0,01	µg/L	< 0,01				
N-Me-FOSA	31506-32-8	< 0,01	µg/L	< 0,01				
N-Et-FOSA	4151-50-2	< 0,01	µg/L	< 0,01				
N-Me-FOSE	24448-09-7	< 0,01	µg/L	< 0,01				
N-Et-FOSE	1691-99-2	< 0,01	µg/L	< 0,01				
H2PFDA	172155-07-6	< 0,01	µg/L	< 0,01				

Chlorobenzenes

According to USEPA 8260D, 8270E

Chlorobenzene	108-90-7	< 0,02	µg/L	< 0,02				
1,2-Dichlorobenzene	95-50-1	< 0,02	µg/L	< 0,02				
1,3-Dichlorobenzene	541-73-1	< 0,02	µg/L	< 0,02				
1,4-Dichlorobenzene	106-46-7	< 0,02	µg/L	< 0,02				
1,2,3-Trichlorobenzene	87-61-6	< 0,02	µg/L	< 0,02				
1,2,4-Trichlorobenzene	120-82-1	< 0,02	µg/L	< 0,02				
1,3,5-Trichlorobenzene	108-70-3	< 0,02	µg/L	< 0,02				
1,2,3,4-Tetrachlorobenzene	634-66-2	< 0,02	µg/L	< 0,02				
1,2,3,5-Tetrachlorobenzene	634-90-2	< 0,02	µg/L	< 0,02				
1,2,4,5-Tetrachlorobenzene	95-94-3	< 0,02	µg/L	< 0,02				
1,2,3,4-Tetrachlorobenzene	634-66-2	< 0,02	µg/L	< 0,02				
Pentachlorobenzene	608-93-5	< 0,02	µg/L	< 0,02				
Hexachlorobenzene	118-74-1	< 0,02	µg/L	< 0,02				

TEST REPORT: 21.94671a dated 04 November 2021

	CAS No.	limit	udm	Raw				
2-Chlorotoluene	95-49-8	< 0,02	µg/L	< 0,02				
3-Chlorotoluene	108-41-8	< 0,02	µg/L	< 0,02				
4-Chlorotoluene	106-43-4	< 0,02	µg/L	< 0,02				
2,3-Dichlorotoluene	95-73-8	< 0,02	µg/L	< 0,02				
3,4-Dichlorotoluene	95-75-0	< 0,02	µg/L	< 0,02				
2,4-Dichlorotoluene	32768-54-0	< 0,02	µg/L	< 0,02				
2,5-Dichlorotoluene	19398-61-9	< 0,02	µg/L	< 0,02				
2,6-Dichlorotoluene	118-69-4	< 0,02	µg/L	< 0,02				
2,4,5-Trichlorotoluene	6639-30-1	< 0,02	µg/L	< 0,02				
α,2,4-Trichlorotoluene	94-99-5	< 0,02	µg/L	< 0,02				
α,3,4-Trichlorotoluene	102-47-6	< 0,02	µg/L	< 0,02				
α,2,6-Trichlorotoluene	2014-83-7	< 0,02	µg/L	< 0,02				
α,α,α-Trichlorotoluene	98-07-7	< 0,02	µg/L	< 0,02				
α,α,α,2-Tetrachlorotoluene	2136-89-2	< 0,02	µg/L	< 0,02				
α,α,2,6-Tetrachlorotoluene	81-19-6	< 0,02	µg/L	< 0,02				
α,α,2,4-Tetrachlorotoluene	134-25-8	< 0,02	µg/L	< 0,02				
Pentachlorotoluene	8777-11-2	< 0,02	µg/L	< 0,02				

Chlorophenols

According to USEPA 8270D

Pentachlorophenol	87-86-5	< 0,5	µg/L	< 0,5				
2-Chlorophenol	95-57-8	< 0,5	µg/L	< 0,5				
3-Chlorophenol	108-43-0	< 0,5	µg/L	< 0,5				
4-Chlorophenol	106-48-9	< 0,5	µg/L	< 0,5				
2,3-Dichlorophenol	576-24-9	< 0,5	µg/L	< 0,5				
2,4-Dichlorophenol	120-83-2	< 0,5	µg/L	< 0,5				
2,5-Dichlorophenol	583-78-8	< 0,5	µg/L	< 0,5				
2,6-Dichlorophenol	87-65-0	< 0,5	µg/L	< 0,5				
3,4-Dichlorophenol	95-77-2	< 0,5	µg/L	< 0,5				
3,5-Dichlorophenol	591-35-5	< 0,5	µg/L	< 0,5				
Trichlorophenol	25167-82-2	< 0,5	µg/L	< 0,5				
2,4,5-Trichlorophenol	95-95-4	< 0,5	µg/L	< 0,5				
2,4,6-Trichlorophenol	88-06-2	< 0,5	µg/L	< 0,5				
2,3,4-Trichlorophenol	15950-66-0	< 0,5	µg/L	< 0,5				
2,3,5-Trichlorophenol	933-78-8	< 0,5	µg/L	< 0,5				
2,3,6-Trichlorophenol	933-75-5	< 0,5	µg/L	< 0,5				

TEST REPORT: 21.94671a dated 04 November 2021

	CAS No.	limit	udm	Raw				
3,4,5-Trichlorophenol	609-19-8	< 0,5	µg/L	< 0,5				
Tetrachlorophenol	25167-83-3	< 0,5	µg/L	< 0,5				
2,3,4,6-Tetrachlorophenol	58-90-2	< 0,5	µg/L	< 0,5				
2,3,4,5-Tetrachlorophenol	4901-51-3	< 0,5	µg/L	< 0,5				
2,3,5,6-Tetrachlorophenol	935-95-5	< 0,5	µg/L	< 0,5				
4-Chloro-3-methylphenol	59-50-7	< 0,5	µg/L	< 0,5				
Ortho-Phenylphenol	90-43-7	< 0,5	µg/L	< 0,5				

Determination of chlorinated paraffins

According to ISO 22032:2006

Short chain (SCCPs) C10-C13	85535-84-8	< 0,5	µg/L	< 0,5				
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Metals

According to ISO 15587:2002, ISO 17294-2:2016 and ISO 11885:2007

Pb		< 1	µg/L	1,6				
Cd		< 0,1	µg/L	< 0,1				
Hg		< 0,5	µg/L	< 0,5				
Cr		< 1	µg/L	20,4				
Sb		< 1	µg/L	< 1				
As		< 1	µg/L	< 1				
Co		< 1	µg/L	< 1				
Cu		< 1	µg/L	36				
Ni		< 1	µg/L	2,8				
Zn		< 1	µg/L	246				
Mn		< 1	µg/L	7,5				
Ag		< 1	µg/L	< 1				

Glycols

According to USEPA 8270

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

TEST REPORT: 21.94671a dated 04 November 2021

	CAS No.	limit	udm	Raw				
Polycyclic Aromatic Hydrocarbons (PAH) According to USEPA 8270								
Benzo(a)pyrene	50-32-8	< 1	µg/L	< 1				
Benzo(a)anthracene	56-55-3	< 1	µg/L	< 1				
Dibenzo(a,h)anthracene	53-70-3	< 1	µg/L	< 1				
Benzo(e)pyrene	192-97-2	< 1	µg/L	< 1				
Benzo(b)fluoranthene	205-99-2	< 1	µg/L	< 1				
Benzo(j)fluoranthene	205-82-3	< 1	µg/L	< 1				
Chrysene	218-01-9	< 1	µg/L	< 1				
Benzo(k)fluoranthene	207-08-9	< 1	µg/L	< 1				
Dibenzo(a,e)pyrene	192-65-4	< 1	µg/L	< 1				
Dibenzo(a,h)pyrene	189-64-0	< 1	µg/L	< 1				
Dibenzo(a,i)pyrene	189-55-9	< 1	µg/L	< 1				
Dibenzo(a,l)pyrene	191-30-0	< 1	µg/L	< 1				
Acenaphthene	83-32-9	< 1	µg/L	< 1				
Acenaphthylene	208-96-8	< 1	µg/L	< 1				
Antracene	120-12-7	< 1	µg/L	< 1				
Benzo(ghi)perylene	191-24-2	< 1	µg/L	< 1				
Fluoranthene	206-44-0	< 1	µg/L	< 1				
Fluorene	86-73-7	< 1	µg/L	< 1				
Indeno(1,2,3-cd)pyrene	193-39-5	< 1	µg/L	< 1				
Naphthalene	91-20-3	< 1	µg/L	< 1				
Phenanthrene	85-01-8	< 1	µg/L	< 1				
Pyrene	129-00-0	< 1	µg/L	< 1				
Cyclopenta(c,d)pyrene	27208-37-3	< 1	µg/L	< 1				
1-Methylpyrene	2381-21-7	< 1	µg/L	< 1				

Chlorinated Solvents
 According to ISO 11423-1

Dichloromethane	75-09-2	< 0,5	µg/L	< 0,5				
Chloroform	67-66-3	< 0,5	µg/L	< 0,5				
Tetrachloromethane	56-23-5	< 0,5	µg/L	< 0,5				
1,1,2-Trichloroethane	79-00-5	< 0,5	µg/L	< 0,5				
1,1-Dichloroethane	75-34-3	< 0,5	µg/L	< 0,5				
1,2-Dichloroethane	107-06-2	< 0,5	µg/L	0,683				
Trichloroethylene	79-01-6	< 0,5	µg/L	< 0,5				

TEST REPORT: 21.94671a dated 04 November 2021

	CAS No.	limit	udm	Raw				
Perchloroethylene	127-18-4	< 1,0	µg/L	< 1,0				
1,1,1-trichloroethane	71-55-6	< 1,0	µg/L	< 1,0				
1,1,1,2-Tetrachloroethane	630-20-6	< 1,0	µg/L	< 1,0				
1,1,2,2-Tetrachloroethane	79-34-5	< 1,0	µg/L	< 1,0				
Pentachloroethane	76-01-7	< 0,5	µg/L	< 0,5				
1,1-Dichloroethylene	75-35-4	< 0,5	µg/L	< 0,5				
1,2,3-trichloropropane	96-18-4	< 0,5	µg/L	< 0,5				
Tetrachloroethane	127-18-8	< 0,5	µg/L	< 0,5				
2-Ethoxyethyl Acetate	111-15-9	< 0,5	µg/L	< 0,5				
2-Phenyl-2-propanol	617-94-7	< 0,5	µg/L	< 0,5				
N,N-Dimethylacetamide	127-19-5	< 0,5	µg/L	< 0,5				
1-Methyl-2-Pyrrolidone	872-50-4	< 0,5	µg/L	< 0,5				
Bis(2-Methoxyethyl)ether	111-96-6	< 0,5	µg/L	< 0,5				
Benzene	71-43-2	< 0,5	µg/L	< 0,5				
Naphthalene	91-20-3	< 0,5	µg/L	< 0,5				
Ethylbenzene	100-41-4	< 0,5	µg/L	< 0,5				
Styrene	100-42-5	< 0,5	µg/L	< 0,5				
Toluene	108-88-3	< 0,5	µg/L	0,83				
Xylene (all isomers)	95-47-6 / 108-38-3 / 106-42-3	< 0,5	µg/L	< 0,5				
Cyclohexane	108-94-1	< 0,5	µg/L	< 0,5				
N,N-Dimethylformamide	68-12-2	< 0,5	µg/L	< 0,5				
Acetophenone	98-86-2	< 0,5	µg/L	< 0,5				
Methyl-ethyl Ketone	78-93-3	< 0,5	µg/L	< 0,5				

Chlorobenzenes (Others)

According to USEPA 8260D, 8270E

Benzyl Chloride	100-44-7	< 0,02	µg/L	< 0,02				
1,2-Dichloro-4-(Trichloromethyl)-Benzene	13014-24-9	< 0,02	µg/L	< 0,02				
P-Chlorobenzotrifluoride	5216-25-1	< 0,02	µg/L	< 0,02				
1,2,3,4-Tetrachlorobenzene	2077-46-5	< 0,02	µg/L	< 0,02				
2,3,6-Trichlorotoluene	634-66-2	< 0,02	µg/L	< 0,02				
Monomethyl-Tetrachloro-Dyphenyl Methane	76253-60-6	< 0,02	µg/L	< 0,02				
Monomethyl-Dichloro-Dyphenyl Methane	81161-70-8	< 0,02	µg/L	< 0,02				

Dyes Disperse

According to DIN 54231

MD Standard Report CQ_v1/18

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page 11 of 14

Soggetto a direzione e coordinamento di UL Inc.

TEST REPORT: 21.94671a dated 04 November 2021

	CAS No.	limit	udm	Raw				
Disperse Blue 102	12222-97-8	< 1	µg/L	< 1				
Disperse Blue 3	2475-46-9	< 1	µg/L	< 1				
Disperse Orange 1	2581-69-3	< 1	µg/L	< 1				
Disperse Orange 3	730-40-5	< 1	µg/L	< 1				
Disperse Yellow 3	2832-40-8	< 1	µg/L	< 1				
Disperse Blue 7	3179-90-6	< 1	µg/L	< 1				
Disperse Brown 1	23355-64-8	< 1	µg/L	< 1				
Disperse Red 11	2872-48-2	< 1	µg/L	< 1				
Disperse Yellow 1	119-15-3	< 1	µg/L	< 1				
Disperse Yellow 9	6373-73-5	< 1	µg/L	< 1				
Disperse Blue 106	68516-81-4	< 1	µg/L	< 1				
Disperse Blue 124	61951-51-7	< 1	µg/L	< 1				
Disperse Orange 37/76	13301-61-6	< 1	µg/L	< 1				
Disperse Red 17	3179-89-3	< 1	µg/L	< 1				
Disperse Yellow 39	12236-29-2	< 1	µg/L	< 1				
Disperse Yellow 49	6858-49-7	< 1	µg/L	< 1				
Disperse Blue 1	2475-45-8	< 1	µg/L	< 1				
Disperse Blue 26	3860-63-7	< 1	µg/L	< 1				
Disperse Blue 35	12222-75-2	< 1	µg/L	< 1				
Disperse Orange 149	85136-74-9	< 1	µg/L	< 1				
Disperse Yellow 23	6250-23-3	< 1	µg/L	< 1				
Disperse Red 1	2872-52-8	< 1	µg/L	< 1				

Dyes Carcinogenic

According to DIN 54231

Basic Red 9	569-61-9	< 1	µg/L	< 1				
Basic Violet 1	8004-87-3	< 1	µg/L	< 1				
Basic Violet 3	548-62-9	< 1	µg/L	< 1				
Disperse Yellow 3	2832-40-8	< 1	µg/L	< 1				
Solvent Yellow 1	60-09-3	< 1	µg/L	< 1				
Direct Red 28	573-58-0	< 1	µg/L	< 1				
Disperse Orange 11	82-28-0	< 1	µg/L	< 1				
Basic Violet 14	58969-01-0	< 1	µg/L	< 1				
Disperse Orange 149	85136-74-9	< 1	µg/L	< 1				
Disperse Yellow 23	6250-23-3	< 1	µg/L	< 1				
Solvent Yellow 2	60-11-7	< 1	µg/L	< 1				

TEST REPORT: 21.94671a dated 04 November 2021

	CAS No.	limit	udm	Raw				
Solvent Yellow 3	97-56-3	< 1	µg/L	< 1				
Acid Red 114	6459-94-5	< 1	µg/L	< 1				
Acid Red 26	3761-53-3	< 1	µg/L	< 1				
Acid Violet 49	1694-09-3	< 1	µg/L	< 1				
Basic Yellow 2	429-80-8	< 1	µg/L	< 1				
Basic Green 4	2437-29-8	< 1	µg/L	< 1				
Basic Orange 2	532-82-1	< 1	µg/L	< 1				
Direct Black 38	1937-37-7	< 1	µg/L	< 1				
Disperse Blue 1	2475-45-8	< 1	µg/L	< 1				
Solvent Yellow 14	842-07-9	< 1	µg/L	< 1				
Direct Blue 6	2602-46-2	< 1	µg/L	< 1				
Basic Blue 26	2580-56-5	< 1	µg/L	< 1				
Malachite Green Chloride Salt	569-64-2	< 1	µg/L	< 1				
Direct Blue 15	2429-74-5	< 1	µg/L	< 1				

Dyes Others

According to DIN 54231

Acid Orange 24	1320-07-6	< 0,1	µg/L	< 0,1				
Basic Blue 26	2580-56-5	< 0,1	µg/L	< 0,1				
Basic Red 46	12221-69-1	< 0,1	µg/L	< 0,1				
Disperse Blue 291	56548-64-2	< 0,1	µg/L	< 0,1				
Disperse Red 151	70210-08-1	< 0,1	µg/L	< 0,1				
Disperse Violet 93	52697-38-8	< 0,1	µg/L	< 0,1				
Disperse Yellow 56	54077-16-6	< 0,1	µg/L	< 0,1				
Disperse Yellow 7	6300-37-4	< 0,1	µg/L	< 0,1				
Basic Violet 10	81-88-9	< 0,1	µg/L	< 0,1				
Acid Red 14	3567-69-9	< 0,1	µg/L	< 0,1				
Direct Brown 95	16071-86-6	< 0,1	µg/L	< 0,1				
Direct Orange 46	12222-37-6	< 0,1	µg/L	< 0,1				
Navy Blue	Various	< 0,1	µg/L	< 0,1				
Solvent Blue 4	6786-83-0	< 0,1	µg/L	< 0,1				
Solvent Red 23	85-86-9	< 0,1	µg/L	< 0,1				

Perfluorinated and Polyfluorinated Chemicals (PFCs)

According to DIN 38407-42

HPFUnA	34598-33-3	< 0,01	µg/L	< 0,01				
HPFOS 6-2	27619-97-2	< 0,01	µg/L	< 0,01				

TEST REPORT: 21.94671a dated 04 November 2021

	CAS No.	limit	udm	Raw				
PFHx	335-42-0	< 0,01	µg/L	< 0,01				
PFPe	678-26-2	< 0,01	µg/L	< 0,01				
1H,1H,2H,2H-PFOS	-	< 0,01	µg/L	< 0,01				
H2PFDeA	27854-31-5	< 0,01	µg/L	< 0,01				
7H-DoFHpA	-	< 0,01	µg/L	< 0,01				
PF-3,7-DMOA	172155-07-6	< 0,01	µg/L	< 0,01				
2H-PFDeA	-	< 0,01	µg/L	< 0,01				
8:2 FTS	39108-34-4	< 0,01	µg/L	< 0,01				

Perfluorinated and Polyfluorinated Chemicals (PFCs)

According to DIN 38407-42

4:2 FTOH	2043-47-2	< 0,1	µg/L	< 0,1				
6:2 FTOH	647-42-7	< 0,1	µg/L	< 0,1				
8:2 FTOH	678-39-7	< 0,1	µg/L	< 0,1				
10:2 FTOH	865-86-1	< 0,1	µg/L	< 0,1				
6:2 FTA	17527-29-6	< 0,1	µg/L	< 0,1				
8:2 FTA	27905-45-9	< 0,1	µg/L	< 0,1				
10:2 FTA	17741-60-5	< 0,1	µg/L	< 0,1				