



17.43188



TEST REPORT: 17.43188

APPLICANT

BURBERRY - Horseferry House
Horseferry Road
SW1P2AW London

LAB NO: (IT) 17.43188**DATE IN:** 21/09/2017**DATE OUT:** 12/10/2017**PAGES:** 15

Facility:	BESTE Spa - Via P. Levi 6 - Loc. Ponte di colle, 59025 CANTAGALLO (PO)
Sample Description:	RAW WASTEWATER Date and hour of sampling: 20/09/2017 start: 9:55 – end: 14:55 Sampling location: Point 1 - Well Finishing Exit Sampling Point Sampling method: COMPOSITE SAMPLE Sampling by: UL In-charge Technician Sampling Record N°: MICI2009201701



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TEST PERFORMED	CONCLUSIONS
Alkylphenol and Alkylphenol ethoxylates (AP / APEOs)	Not Detected
Flame Retardants	Not Detected
Volatile Organic Compounds (VOC)	Detected
Chlorobenzenes and Chlorotoluenes	Detected
Chlorophenols	Not Detected
Organotin Compounds	Not Detected
Perfluorinated and Polyfluorinated Chemicals (PFCs)	Not Detected
Phthalates	Detected
Dyes - Azo	Not Detected
Allergenic Disperse Dyes	Not Detected
Carcinogenic Dyes	Not Detected
Chlorinated Paraffins	Not Detected
Metals	Detected

Chemical Laboratory Supervisor
Claudio Sironi

REMARKS

1. It is prohibited the partial reproduction, any changes or modifications of this test report. The results are exclusively referred to the samples tested.

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(01) Alkylphenol and Alkylphenol ethoxylates (AP / APEOs)

Test Method: According to ISO 18857-2 and ISO 18254-1, quantification by HPLC with DAD/MSD detectors and Gaschromatograph with mass detector (GC-MS)

Substance name	CAS N.	Reporting limit	Results
Octylphenol monoethoxylate (OPEO1)	2315-67-5	1 µg/L	ND
Octylphenol diethoxylate (OPEO2)	2315-61-9	1 µg/L	ND
Nonylphenol monoethoxylate (NPEO1)	104-35-8	1 µg/L	ND
Nonylphenol diethoxylate (NPEO2)	20427-84-3	1 µg/L	ND
Ethoxylated Octylphenols (OPEO3-20)	9002-93-1 9036-19-5 68987-90-6	1 µg/L	ND
Ethoxylated Nonylphenols (NPEO3-20)	9016-45-9 26027-38-3 37205-87-1 68412-54-4 127087-87-0	1 µg/L	ND
Legend: ND= Not detected			

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(02) Flame Retardants

Test Method: According to ISO 22032:2006, quantification by Gaschromatograph with mass detector (GC-MS)

Substance name	CAS N.	Reporting limit	Results
Tris-(2,3-dibromopropyl)- phosphate (TRIS)	126-72-7	5 µg/L	ND
Tris - (aziridiny) - phosphineoxide (TEPA)	5455-55-1	5 µg/L	ND
Tris-(2-chloroethyl) Phosphate (TCEP)	115-96-8	5 µg/L	ND
Polybromobiphenyls (PBB)	59536-65-1	5 µg/L	ND
Bis(2,3-dibromopropyl ether) of tetrabromobisphenol A (BDBPT)	21850-44-2	5 µg/L	ND
Bis(2,3-dibromopropyl) phosphate (BBP)	5412-25-9	5 µg/L	ND
Pentabromodiphenyl ether (pentaPBDE)	32534-81-9	5 µg/L	ND
Octabromodiphenyl Ether (OctaBDE)	32536-52-0	5 µg/L	ND
Decabromodiphenyl Ether (DecaBDE)	1163-19-5	5 µg/L	ND
Hexabromocyclododecane (HBCDD)	25637-99-4	5 µg/L	ND
Tris(1,3-dichloro-2-propyl) phosphate (TDCPP)	13674-87-8	5 µg/L	ND
Tris (1-chloro-2-propyl) phosphate (TCPP)	13674-84-5	5 µg/L	ND
2-Ethylhexyl 2,3,4,5-tetrabromobenzoate (TBB)	183658-27-7	5 µg/L	ND
tetrabromophthalate (TBPH)	26040-51-7	5 µg/L	ND
Triphenyl phosphate (TPP)	115-86-6	5 µg/L	ND
Trimethyl phosphate(TMP)	512-56-1	5 µg/L	ND
Tetrabromobisphenol A (TBBPA)	79-94-7	5 µg/L	ND
2,2-bis(bromomethyl)-1,3-propanediol (BBMP)	3296-90-0	5 µg/L	ND
Tetrabromo diphenyl ethers (TetraBDE)	40088-47-9	5 µg/L	ND
Hexabromo diphenyl ethers (HexaBDE)	36483-60-0	5 µg/L	ND
Heptabromo diphenyl ethers (HeptaBDE)	68928-80-3	5 µg/L	ND
Nonabromo diphenyl ethers (NonabDE)	63936-56-1	5 µg/L	ND
Legend: ND= Not detected			

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(03) Volatile Organic Compounds (VOC)

Test Method: According to ISO 11423-1, quantification by GC-MS headspace

Substance name	CAS N.	Reporting limit	Results
Carbon Tetrachloride	56-23-5	1 µg/L	ND
Chloroform	67-66-3	1 µg/L	ND
Dichloromethane	75-09-2	1 µg/L	ND
1,1- Dichlorethene	75-34-3	1 µg/L	ND
1,2- Dichlorethene	107-06-2	1 µg/L	ND
1,1,1,2- Tetrachlorethane	630-20-6	1 µg/L	ND
1,1,2,2- Tetrachlorethane	79-34-5	1 µg/L	ND
Tetrachlorethane	127-18-8	1 µg/L	ND
1,1,1- Trichloroethane	71-55-6	1 µg/L	ND
1,1,2- Trichloroethane	79-00-5	1 µg/L	ND
Trichloroethane	79-01-6	1 µg/L	ND
2-Ethoxyethyl Acetate	111-15-9	1 µg/L	ND
N,N-Dimethylacetamide	127-19-5	1 µg/L	ND
1-Methyl-2-Pyrrolidone	872-50-4	1 µg/L	ND
Bis(2-Methoxyethyl)Ether	111-96-6	1 µg/L	ND
1,2,3-Trichloropropane	96-18-4	1 µg/L	ND
Benzene	71-43-2	1 µg/L	ND
Ethylbenzene	100-41-4	1 µg/L	ND
Naftalene	91-20-3	1 µg/L	ND
Styrene	100-42-5	1 µg/L	ND
Toluene	108-88-3	1 µg/L	77,9 µg/L
O- Xylene	95-47-6	1 µg/L	ND
M-Xylene	108-38-3	1 µg/L	ND
P- Xylene	106-42-3	1 µg/L	ND
Cyclohexane	108-94-1	1 µg/L	ND
N,N - Dimethylformamide	68-12-2	1 µg/L	ND
2-Phenyl-2-Propanolo	617-94-7	1 µg/L	ND
Acetofenone	98-86-2	1 µg/L	ND
Metil-etil-chetone	78-93-3	1 µg/L	ND
Legend: ND= Not detected			

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(04) Chlorobenzenes and Chlorotoluenes

Test Method: According to USEPA 8260B, 8270D, quantification by Gaschromatograph with Mass detector

Substance name	CAS N.	Reporting limit	Results
Chlorobenzene	108-90-7	0,02 µg/L	ND
1,2-Dichlorobenzene	95-50-1	0,02 µg/L	ND
1,3-Dichlorobenzene	541-73-1	0,02 µg/L	ND
1,4-Dichlorobenzene	106-46-7	0,02 µg/L	ND
1,2,3-Trichlorobenzene	87-61-6	0,02 µg/L	ND
1,2,4-Trichlorobenzene	120-82-1	0,02 µg/L	ND
1,3,5-Trichlorobenzene	108-70-3	0,02 µg/L	ND
1,2,3,5 Tetrachlorobenzene	634-90-2	0,02 µg/L	ND
1,2,4,5 Tetrachlorobenzene	95-94-3	0,02 µg/L	ND
Pentachlorobenzene	608-93-5	0,02 µg/L	ND
Hexachlorobenzene	118-74-1	0,02 µg/L	ND
2-Chlorotoluene	95-49-8	0,02 µg/L	0,07 µg/L
3-Chlorotoluene	108-41-8	0,02 µg/L	ND
4-Chlorotoluene	106-43-4	0,02 µg/L	0,03 µg/L
2,3-Dichlorotoluene	95-73-8	0,02 µg/L	ND
3,4-Dichlorotoluene	95-75-0	0,02 µg/L	ND
2,4-Dichlorotoluene	95-73-8	0,02 µg/L	ND
2,5-Dichlorotoluene	19398-61-9	0,02 µg/L	ND
2,6-Dichlorotoluene	118-69-4	0,02 µg/L	ND
2,4,5-Trichlorotoluene	6639-30-1	0,02 µg/L	ND
A,2,4-Trichlorotoluene	94-99-5	0,02 µg/L	ND
A,3,4-Trichlorotoluene	102-47-6	0,02 µg/L	ND
A,2,6-Trichlorotoluene	2014-83-7	0,02 µg/L	ND
A,A,A,2-Tetrachlorotoluene	2136-89-2	0,02 µg/L	ND
A,A,2,6-Tetrachlorotoluene	81-19-6	0,02 µg/L	ND
Pentachlorotoluene	877-11-2	0,02 µg/L	ND
Benzyl Chloride	100-44-7	0,02 µg/L	ND
1,2-Dichloro-4-(Trichloromethyl)-Benzene	13014-24-9	0,02 µg/L	ND
A,A,2,4-Tetrachlorotoluene	134-25-8	0,02 µg/L	ND
2,3,6-Trichlorotoluene	2077-46-5	0,02 µg/L	ND
P-Chlorobenzotrichloride	5216-25-1	0,02 µg/L	ND
1,2,3,4-Tetrachlorobenzene	634-66-2	0,02 µg/L	ND
Monomethyl-Tetrachloro-Diphenyl Methane	76253-60-6	0,02 µg/L	ND
Monomethyl-Dichloro-Diphenyl Methane	81161-70-8	0,02 µg/L	ND
A,A,A-Trichlorotoluene	98-07-7	0,02 µg/L	ND
Legend: ND= Not detected			

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(05) Chlorophenols

Test Method: According to USEPA 8270D, quantification by Gas Chromatograph with Mass Detector (MS)

Substance name	CAS N.	Reporting limit	Results
Pentachlorophenol	87-86-5	0,5 µg/L	ND
2,3,4,5-Tetrachlorophenol	4901-51-3	0,5 µg/L	ND
2,3,4,6-Tetrachlorophenol	58-90-2	0,5 µg/L	ND
2,3,5,6-Tetrachlorophenol	935-95-5	0,5 µg/L	ND
2,4,5-Trichlorophenol	95-95-4	0,5 µg/L	ND
2,4,6-Trichlorophenol	88-06-2	0,5 µg/L	ND
2,3,6 Trichlorophenol	933-75-5	0,5 µg/L	ND
2,3,5-Trichlorophenol	933-78-8	0,5 µg/L	ND
3,4,5-Trichlorophenol	609-19-8	0,5 µg/L	ND
2,3,4-Trichlorophenol	15950-66-0	0,5 µg/L	ND
2,4-Dichlorophenol	120-83-2	0,5 µg/L	ND
2,5-Dichlorophenol	583-78-8	0,5 µg/L	ND
4-chloro-3-methyl phenol	59-50-7	0,5 µg/L	ND
2,6-Dichlorophenol	87-65-0	0,5 µg/L	ND
2-Chlorophenol	95-57-8	0,5 µg/L	ND
4-Chlorophenol	106-48-9	0,5 µg/L	ND
2,2'-Methylenebis-4-Chlorophenol	97-23-4	0,5 µg/L	NP
Ortho-Phenylphenol	90-43-7	0,5 µg/L	ND
2,3-Dichlorophenol	576-24-9	0,5 µg/L	ND
3,4-Dichlorophenol	95-77-2	0,5 µg/L	ND
3,5-Dichlorophenol	591-35-5	0,5 µg/L	ND

Legend:
ND= Not detected; NP= Not performed

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Test Method: According to ISO 17353, quantification by Gas - Chromatograph with Mass Detector (GC-MSD)

Substance name	CAS N.	Reporting limit	Results
Monobutyltin Cation (MBT)	1118-46-3	0,01 µg/L	ND
Di-Butyltin Cation (DBT)	1461-22-9	0,01 µg/L	ND
Tri-Butyltin Cation (TBT)	683-18-1	0,01 µg/L	ND
Tetrabutyltin Cation (TeBT)	1461-25-2	0,01 µg/L	ND
Di-Octyltin Cation (DOT)	94410-05-6	0,01 µg/L	ND
Tri-Phenyltin Cation (TPhT)	892-20-6	0,01 µg/L	ND
Tricyclohexyltin Cation (TCyT)	3091-32-5	0,01 µg/L	ND
Di-N-Propyl Tin (DPnT)	867-366-7	0,01 µg/L	ND
Methyltin Trichloride (MMT)	993-16-8	0,01 µg/L	ND
Monooctyltin Cation (MOT)	15231-44-4	0,01 µg/L	ND
Diphenyltin (DPHT)	1011-95-6	0,01 µg/L	ND
Bis(Tributyltin) Oxide (TBTO)	56-35-9	0,01 µg/L	ND
Legend: ND= Not detected			

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(07) Perfluorinated and Polyfluorinated Chemicals (PFCs)

Test Method: According to DIN 38407-42, quantification by Liquid Chromatograph with Mass detector and Gas Chromatography with mass detector

Substance name	CAS N.	Reporting limit	Results
Perfluorobutanoic acid (PFBA)	375-22-4	0,01 µg/L	ND
Perfluoropentane acid (PFPeA)	2706-90-3	0,01 µg/L	ND
Perfluorohexanoic acid (PFHxA)	307-24-4	0,01 µg/L	ND
Perfluorheptanoic acid (PFHpA)	378-85-9	0,01 µg/L	ND
Perfluorooctanoic acid (PFOA)	335-67-1 / 3825-26-1	0,01 µg/L	ND
Perfluorononanoic acid (PFNA)	375-95-1	0,01 µg/L	ND
Perfluorodecanoic acid (PFDA)	335-76-2	0,01 µg/L	ND
Perfluoroundecanoic acid (PFUnA)	2058-94-8 / 4234-23-5	0,01 µg/L	ND
Perfluorododecane acid (PFDoA)	307-55-1	0,01 µg/L	ND
Perfluorotridecane acid (PFTrA)	72629-94-8	0,01 µg/L	ND
Perfluorotetradecane acid (PFTA)	376-06-7	0,01 µg/L	ND
Perfluorbutansulfonate (PFBS)	29420-49-3 / 375-73-5 / 59933-66-3 7 749861-23-	0,01 µg/L	ND
Perfluorohexane sulfonate (PFHxS)	3871-99-6 / 355-46-4 / 82382-12-15	0,01 µg/L	ND
Perfluoroheptane sulphonate (PFHpS)	375-92-8 / 60270-55-5 / 68555-66-8	0,01 µg/L	ND
Perfluorooctane sulfonate (PFOS)	2795-39-3 / 1763-23-1	0,01 µg/L	ND
Perfluorodecane sulphonate (PFDS)	13419-61-9 / 335-77-3 / 2806-15-7 / 2806-16-8 / 67906-42-7	0,01 µg/L	ND
Perfluorooctane-sulfonamide (PFOSA)	754-91-6	0,01 µg/L	ND
4:2 Fluorotelomer alcohol (PFHxO)	2043-47-2	0,01 µg/L	ND
6:2 Fluorotelomer alcohol (PFOcO)	647-42-7	0,01 µg/L	ND
8:2 Fluorotelomer alcohol (PFDeO)	678-39-7	0,01 µg/L	ND
Perfluorooctyl acrylate (PFOcAc)	17527-29-6	0,01 µg/L	ND
Perfluorodecyl acrylate (PFDeAc)	27905-45-9	0,01 µg/L	ND
10:2 Fluorotelomer alcohol (FTOH 10-2)	865-86-1	0,1 µg/L	ND
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0,01 µg/L	ND
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol (N- MeFOSE)	24448-09-7	0,01 µg/L	ND
2-(N-Ethylperfluoro-1-octanesulfonamido)-ethanol (N- EtFOSE)	1691-99-2	0,01 µg/L	ND
N-methylperfluoro-1-octanesulfonamide (N-MeFOSA)	31506-32-8	0,01 µg/L	ND
N-ethylperfluoro-1-octanesulfonamide (N-EtFOSA)	4151-50-2	0,01 µg/L	ND
1H,1H,2H,2H-Perfluorododecyl acrylate (FTA 10-2)	17741-60-5	0,1 µg/L	ND
Perfluoro-3,7-dimethyloctanoic acid (H2PFDA)	172155-07-6	0,01 µg/L	ND

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7H-Perfluoroheptanoic acid (HPFHpA)	1546-95-8	0,01 µg/L	ND
2H,2H,3H,3H-Perfluoroundecanoic acid (HPFU _n A)	34598-33-9	0,01 µg/L	ND
1H,1H,2H,2H Perfluorooctane sulfonic acid (H4PFOS 6-2)	27619-97-2	0,01 µg/L	ND
Perfluorohexane (PFHx)	335-42-0	0,01 µg/L	ND
Perfluoropentane (PFPe)	678-26-2	0,01 µg/L	ND
Perfluorocyclobutane (PFCB)	115-25-3	0,01 µg/L	ND
7H-dodecanefluoroheptane acid (7H-DoFHpA)	/	0,01 µg/L	ND
2H,2H-Perfluorodecane acid (2H-PFDeA)	/	0,01 µg/L	ND
1H,1H,2H,2H-Perfluorooctanesulphonic acid (1H-2H- PFOS)	/	0,01 µg/L	ND
1H,1H,2H,2H-Perfluorodecane sulfonate (8:2 FTS)	39108-34-4	0,01 µg/L	ND
2H,2H-Perfluorodecanoic acid (H2PFDeA)	27854-31-5	0,01 µg/L	ND
Perfluoro-1-octanesulfonyl fluoride (POSF)	307-35-7	0,01 µg/L	ND
Legend: ND= Not detected			

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(08) Phthalates

Test Method: According to USEPA 8270D, quantification by Gascromatograph with Mass Detector - Liquid Cromatograph with DAD and Mass detector

Substance name	CAS N.	Reporting limit	Results
Di-iso-butylphthalate (DIBP)	84-69-5	1 µg/L	ND
Dibutylphthalate (DBP)	84-74-2	1 µg/L	ND
Butylbenzylphthalate (BBP)	85-68-7	1 µg/L	ND
Di-n-pentylphthalate (DPP)	131-18-0	1 µg/L	ND
Di-isopentylphthalate (DIPP)	605-50-5	1 µg/L	ND
Di-(2-ethylexyl)-phthalate (DEHP)	117-81-7	1 µg/L	ND
Di-n-hexylphthalate (DHP)	84-75-3	1 µg/L	ND
Bis-(2-methoxyethyl)-phthalate (DMEP)	117-82-8	1 µg/L	ND
di-(C6-C8 alkyl)-phthalate branched (DIHP)	71888-89-6	1 µg/L	ND
Di-(C7-C11 alkyl)-phthalate linear + branched (DNHUP)	68515-42-4	1 µg/L	ND
Di-n-octylphthalate (DNOP)	117-84-0	1 µg/L	ND
Di-iso-nonylphthalate (DINP)	28553-12-0	1 µg/L	2,0 µg/L
Di-iso-decylphthalate (DIDP)	26761-40-0	1 µg/L	ND
Di-cyclohexylphthalate (DCHP)	84-61-7	1 µg/L	ND
Di-iso-octylphthalate (DIOP)	27554-26-3	1 µg/L	ND
Di-nonylphthalate (DNP)	84-76-4	1 µg/L	ND
Di-ethylphthalate (DEP)	84-66-2	1 µg/L	ND
Di-n-propylphthalate (DPRP)	131-16-8	1 µg/L	ND
N-pentyl-iso-pentyl phthalate (PIPP)	776297-69-9	1 µg/L	ND
1,2-benzenedicarboxylic acid, dipentyl ester, branched and linear (PBLP)	84777-06-0	1 µg/L	ND
Legend: ND= Not detected			

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(09) Dyes - Azo

Test Method: According to EN ISO 14362-1:2017, EN ISO 14362-3:2017, quantification by Liquid chromatograph with Mass selective detector (HPLC -MS); Gas chromatograph with Mas selective detector (GC -MS).

Substance name	CAS N.	Reporting limit	Results
4-Aminodiphenyl	92-67-1	0,1 µg/L	ND
Benzidine	92-87-5	0,1 µg/L	ND
4-Chloro-o-Toluidine	95-69-2	0,1 µg/L	ND
2-Naphthylamine	91-59-8	0,1 µg/L	ND
p-Chloroaniline	106-47-8	0,1 µg/L	ND
2,4-Diaminoanisole	615-05-4	0,1 µg/L	ND
4,4'-Diaminodiphenylmethane	101-77-9	0,1 µg/L	ND
3,3'-Dichlorobenzidine	91-94-1	0,1 µg/L	ND
3,3'-Dimethoxybenzidine	119-90-4	0,1 µg/L	ND
3,3'-Dimethylbenzidine	119-93-7	0,1 µg/L	ND
3,3'-Dimethyl-4,4'-Diminodiphenylmethane	838-88-0	0,1 µg/L	ND
p-Kresidine	120-71-8	0,1 µg/L	ND
4,4'-Methylene-bis-(2-Chloraniline)	101-14-4	0,1 µg/L	ND
4,4'-Oxydianiline	101-80-4	0,1 µg/L	ND
4,4'-Thiodianiline	139-65-1	0,1 µg/L	ND
o-Toluidine	96-53-4	0,1 µg/L	ND
o-Aminoazotoluene	97-56-3	0,1 µg/L	ND
2-Amino-4-Nitrotoluene	99-55-8	0,1 µg/L	ND
2,4'-Tolylenediamine	95-80-7	0,1 µg/L	ND
2,4,5-Trimethylaniline	137-17-7	0,1 µg/L	ND
O-anisidine	90-04-4	0,1 µg/L	ND
4-Aminoazobenzene	60-09-3	0,1 µg/L	ND
2,4-Xylidine	95-68-1	0,1 µg/L	ND
2,6-Xylidine	87-62-7	0,1 µg/L	ND
Legend: ND= Not detected			

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(10) Allergenic Disperse Dyes

Test Method: According to DIN 54231, quantification by Liquid chromatograph with DAD and MS detector

Substance name	CAS N.	Reporting limit	Results
Disperse Blue 1	2475-45-8	1 µg/L	ND
Disperse Blue 3	2475-46-9	1 µg/L	ND
Disperse Blue 7	3179-90-6	1 µg/L	ND
Disperse Blue 26	3860-63-7	1 µg/L	ND
Disperse Blue 35	12222-75-2	1 µg/L	ND
Disperse Blue 102	12222-97-8	1 µg/L	ND
Disperse Blue 106	12223-01-7	1 µg/L	ND
Disperse Blue 124	61951-51-7	1 µg/L	ND
Disperse Brown 1	23355-64-8	1 µg/L	ND
Disperse Orange 1	2581-69-3	1 µg/L	ND
Disperse Orange 3	730-40-5	1 µg/L	ND
Disperse Orange 76/37	12223-33-5	1 µg/L	ND
Disperse Orange 149	85136-74-9	1 µg/L	ND
Disperse Yellow 1	119-15-3	1 µg/L	ND
Disperse Yellow 3	2832-40-8	1 µg/L	ND
Disperse Yellow 9	6373-73-5	1 µg/L	ND
Disperse Yellow 23	6250-23-3	1 µg/L	ND
Disperse Yellow 39	12236-29-2	1 µg/L	ND
Disperse Yellow 49	54824-37-2	1 µg/L	ND
Disperse Red 1	2872-52-8	1 µg/L	ND
Disperse Red 11	2872-48-2	1 µg/L	ND
Disperse Red 17	3179-89-3	1 µg/L	ND
Legend: ND= Not detected			

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(11) Carcinogenic Dyes

Test Method: According to DIN 54231, quantification by Liquid chromatograph with DAD and MS detector

Substance name	CAS N.	Reporting limit	Results
Acid Red 26	3761-53-3	1 µg/L	ND
Basic Red 9	569-61-9	1 µg/L	ND
Direct Black 38	1937-37-7	1 µg/L	ND
Direct Blue 6 (Direct Blue 2B)	2602-46-2	1 µg/L	ND
Direct Red 28	573-58-0	1 µg/L	ND
Disperse Blue 1	2475-45-8	1 µg/L	ND
Disperse Yellow 3	2832-40-8	1 µg/L	ND
Basic Violet 14	632-99-5	1 µg/L	ND
Disperse Orange 11	82-28-0	1 µg/L	ND
Basic Blue 26	2580-56-5	1 µg/L	ND
Malachite Green Chloride Salt	569-64-2	1 µg/L	ND
Malachite Green Oxalate	2437-29-8	1 µg/L	ND
Basic Green 4	10309-95-2	1 µg/L	ND
Solvent Yellow 2	60-11-7	1 µg/L	ND
Solvent Yellow 3	97-56-3	1 µg/L	ND
Giallo Solvente 14	842-07-9	1 µg/L	ND
Basic Violet 1	8004-87-3	1 µg/L	ND
Direct Blue 15	2429-74-5	1 µg/L	ND
Acid Red 114	6459-94-5	1 µg/L	ND
Acid Violet 49	1694-09-3	1 µg/L	ND
Solvent Yellow 1	60-09-3	1 µg/L	ND
Legend: ND= Not detected			

**TEST REPORT: 17.43188**dated **12/10/2017****(12) Chlorinated Paraffins**

Test Method: According to USEPA 8270, quantification by Gas chromatograph with MS detector (GC/ECNI-MS)

Substance name	CAS N.	Reporting limit	Results
Short Chain Chlorinated Paraffins, C10-C13 (SCCP)	85535-84-8 / 85535-84-8	0,5 µg/L	ND
Legend: ND= Not detected			

(13) Metals

Test Method: According to ISO17294-2 (2016) and ISO 11885 (2007), quantification by Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES) and Inductively Coupled Plasma with Mass Detector (ICP-MS)

Substance name	Reporting limit	Results
Lead (Pb)	1 µg/L	1,8 µg/L
Cadmium (Cd)	0,1 µg/L	0,13 µg/L
Mercury (Hg)	0,5 µg/L	ND
Hexavalent Chromium (CrVI)	1 µg/L	ND
Legend: ND= Not detected		

... END OF REPORT...



17.43192



TEST REPORT: 17.43192

APPLICANT

BURBERRY - Horseferry House
Horseferry Road
SW1P2AW London

LAB NO: (IT) 17.43192

DATE IN: 21/09/2017
DATE OUT: 12/10/2017
PAGES: 15

Facility:	BESTE Spa - Via P. Levi 6 - Loc. Ponte di colle, 59025 CANTAGALLO (PO)
Sample Description:	<p>RAW WASTEWATER</p> <p>Date and hour of sampling: 20/09/2017 start: 10:25 – end: 15:25 Sampling location: Point 2 - Well Dye-Works Exit Sampling Point Sampling method: COMPOSITE SAMPLE Sampling by: UL In-charge Technician Sampling Record N°: MICI2009201701</p>



TEST REPORT: 17.43192

dated 12/10/2017

TEST PERFORMED	CONCLUSIONS
Alkylphenol and Alkylphenol ethoxylates (AP / APEOs)	Not Detected
Flame Retardants	Not Detected
Volatile Organic Compounds (VOC)	Detected
Chlorobenzenes and Chlorotoluenes	Detected
Chlorophenols	Not Detected
Organotin Compounds	Not Detected
Perfluorinated and Polyfluorinated Chemicals (PFCs)	Detected
Phthalates	Detected
Dyes - Azo	Not Detected
Allergenic Disperse Dyes	Not Detected
Carcinogenic Dyes	Not Detected
Chlorinated Paraffins	Not Detected
Metals	Detected

Chemical Laboratory Supervisor
Claudio Sironi

REMARKS

1. It is prohibited the partial reproduction, any changes or modifications of this test report. The results are exclusively referred to the samples tested.



TEST REPORT: 17.43192

dated 12/10/2017

(01) Alkylphenol and Alkylphenol ethoxylates (AP / APEOs)

Test Method: According to ISO 18857-2 and ISO 18254-1, quantification by HPLC with DAD/MSD detectors and Gaschromatograph with mass detector (GC-MS)

Substance name	CAS N.	Reporting limit	Results
Octylphenol monoethoxylate (OPEO1)	2315-67-5	1 µg/L	ND
Octylphenol diethoxylate (OPEO2)	2315-61-9	1 µg/L	ND
Nonylphenol monoethoxylate (NPEO1)	104-35-8	1 µg/L	ND
Nonylphenol diethoxylate (NPEO2)	20427-84-3	1 µg/L	ND
Ethoxylated Octylphenols (OPEO3-20)	9002-93-1 9036-19-5 68987-90-6	1 µg/L	ND
Ethoxylated Nonylphenols (NPEO3-20)	9016-45-9 26027-38-3 37205-87-1 68412-54-4 127087-87-0	1 µg/L	ND
Legend: ND= Not detected			

**TEST REPORT: 17.43192**

dated 12/10/2017

(02) Flame Retardants

Test Method: According to ISO 22032:2006, quantification by Gaschromatograph with mass detector (GC-MS)

Substance name	CAS N.	Reporting limit	Results
Tris-(2,3-dibromopropyl)- phosphate (TRIS)	126-72-7	5 µg/L	ND
Tris - (aziridiny) - phosphineoxide (TEPA)	5455-55-1	5 µg/L	ND
Tris-(2-chloroethyl) Phosphate (TCEP)	115-96-8	5 µg/L	ND
Polybromobiphenyls (PBB)	59536-65-1	5 µg/L	ND
Bis(2,3-dibromopropyl ether) of tetrabromobisphenol A (BDBPT)	21850-44-2	5 µg/L	ND
Bis(2,3-dibromopropyl) phosphate (BBP)	5412-25-9	5 µg/L	ND
Pentabromodiphenyl ether (pentaPBDE)	32534-81-9	5 µg/L	ND
Octabromodiphenyl Ether (OctaBDE)	32536-52-0	5 µg/L	ND
Decabromodiphenyl Ether (DecaBDE)	1163-19-5	5 µg/L	ND
Hexabromocyclododecane (HBCDD)	25637-99-4	5 µg/L	ND
Tris(1,3-dichloro-2-propyl) phosphate (TDCPP)	13674-87-8	5 µg/L	ND
Tris (1-chloro-2-propyl) phosphate (TCPP)	13674-84-5	5 µg/L	ND
2-Ethylhexyl 2,3,4,5-tetrabromobenzoate (TBB)	183658-27-7	5 µg/L	ND
tetrabromophthalate (TBPH)	26040-51-7	5 µg/L	ND
Triphenyl phosphate (TPP)	115-86-6	5 µg/L	ND
Trimethyl phosphate(TMP)	512-56-1	5 µg/L	ND
Tetrabromobisphenol A (TBBPA)	79-94-7	5 µg/L	ND
2,2-bis(bromomethyl)-1,3-propanediol (BBMP)	3296-90-0	5 µg/L	ND
Tetrabromo diphenyl ethers (TetraBDE)	40088-47-9	5 µg/L	ND
Hexabromo diphenyl ethers (HexaBDE)	36483-60-0	5 µg/L	ND
Heptabromo diphenyl ethers (HeptaBDE)	68928-80-3	5 µg/L	ND
Nonabromo diphenyl ethers (NonabDE)	63936-56-1	5 µg/L	ND
Legend: ND= Not detected			

**TEST REPORT: 17.43192**

dated 12/10/2017

(03) Volatile Organic Compounds (VOC)

Test Method: According to ISO 11423-1, quantification by GC-MS headspace

Substance name	CAS N.	Reporting limit	Results
Carbon Tetrachloride	56-23-5	1 µg/L	ND
Chloroform	67-66-3	1 µg/L	ND
Dichloromethane	75-09-2	1 µg/L	ND
1,1- Dichlorethene	75-34-3	1 µg/L	ND
1,2- Dichlorethene	107-06-2	1 µg/L	ND
1,1,1,2- Tetrachlorethane	630-20-6	1 µg/L	ND
1,1,2,2- Tetrachlorethane	79-34-5	1 µg/L	ND
Tetrachlorethane	127-18-8	1 µg/L	ND
1,1,1- Trichloroethane	71-55-6	1 µg/L	ND
1,1,2- Trichloroethane	79-00-5	1 µg/L	ND
Trichloroethane	79-01-6	1 µg/L	ND
2-Ethoxyethyl Acetate	111-15-9	1 µg/L	ND
N,N-Dimethylacetamide	127-19-5	1 µg/L	ND
1-Methyl-2-Pyrrolidone	872-50-4	1 µg/L	ND
Bis(2-Methoxyethyl)Ether	111-96-6	1 µg/L	ND
1,2,3-Trichloropropane	96-18-4	1 µg/L	ND
Benzene	71-43-2	1 µg/L	ND
Ethylbenzene	100-41-4	1 µg/L	ND
Naftalene	91-20-3	1 µg/L	ND
Styrene	100-42-5	1 µg/L	ND
Toluene	108-88-3	1 µg/L	ND
O- Xylene	95-47-6	1 µg/L	ND
M-Xylene	108-38-3	1 µg/L	ND
P- Xylene	106-42-3	1 µg/L	ND
Cyclohexane	108-94-1	1 µg/L	ND
N, N - Dimethylformamide	68-12-2	1 µg/L	ND
2-Phenyl-2-Propanolo	617-94-7	1 µg/L	ND
Acetofenone	98-86-2	1 µg/L	ND
Metil-etil-chetone	78-93-3	1 µg/L	1,7 µg/L
Legend: ND= Not detected			

**TEST REPORT: 17.43192**

dated 12/10/2017

(04) Chlorobenzenes and Chlorotoluenes

Test Method: According to USEPA 8260B, 8270D, quantification by Gaschromatograph with Mass detector

Substance name	CAS N.	Reporting limit	Results
Chlorobenzene	108-90-7	0,02 µg/L	ND
1,2-Dichlorobenzene	95-50-1	0,02 µg/L	ND
1,3-Dichlorobenzene	541-73-1	0,02 µg/L	ND
1,4-Dichlorobenzene	106-46-7	0,02 µg/L	ND
1,2,3-Trichlorobenzene	87-61-6	0,02 µg/L	ND
1,2,4-Trichlorobenzene	120-82-1	0,02 µg/L	ND
1,3,5-Trichlorobenzene	108-70-3	0,02 µg/L	ND
1,2,3,5 Tetrachlorobenzene	634-90-2	0,02 µg/L	ND
1,2,4,5 Tetrachlorobenzene	95-94-3	0,02 µg/L	ND
Pentachlorobenzene	608-93-5	0,02 µg/L	ND
Hexachlorobenzene	118-74-1	0,02 µg/L	ND
2-Chlorotoluene	95-49-8	0,02 µg/L	0,03 µg/L
3-Chlorotoluene	108-41-8	0,02 µg/L	ND
4-Chlorotoluene	106-43-4	0,02 µg/L	ND
2,3-Dichlorotoluene	95-73-8	0,02 µg/L	ND
3,4-Dichlorotoluene	95-75-0	0,02 µg/L	ND
2,4-Dichlorotoluene	95-73-8	0,02 µg/L	ND
2,5-Dichlorotoluene	19398-61-9	0,02 µg/L	ND
2,6-Dichlorotoluene	118-69-4	0,02 µg/L	ND
2,4,5-Trichlorotoluene	6639-30-1	0,02 µg/L	ND
A,2,4-Trichlorotoluene	94-99-5	0,02 µg/L	ND
A,3,4-Trichlorotoluene	102-47-6	0,02 µg/L	ND
A,2,6-Trichlorotoluene	2014-83-7	0,02 µg/L	ND
A,A,A,2-Tetrachlorotoluene	2136-89-2	0,02 µg/L	ND
A,A,2,6-Tetrachlorotoluene	81-19-6	0,02 µg/L	ND
Pentachlorotoluene	877-11-2	0,02 µg/L	ND
Benzyl Chloride	100-44-7	0,02 µg/L	ND
1,2-Dichloro-4-(Trichloromethyl)-Benzene	13014-24-9	0,02 µg/L	ND
A,A,2,4-Tetrachlorotoluene	134-25-8	0,02 µg/L	ND
2,3,6-Trichlorotoluene	2077-46-5	0,02 µg/L	ND
P-Chlorobenzotrichloride	5216-25-1	0,02 µg/L	ND
1,2,3,4-Tetrachlorobenzene	634-66-2	0,02 µg/L	ND
Monomethyl-Tetrachloro-Diphenyl Methane	76253-60-6	0,02 µg/L	ND
Monomethyl-Dichloro-Diphenyl Methane	81161-70-8	0,02 µg/L	ND
A,A,A-Trichlorotoluene	98-07-7	0,02 µg/L	ND
Legend: ND= Not detected			

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(05) Chlorophenols

Test Method: According to USEPA 8270D, quantification by Gas Chromatograph with Mass Detector (MS)

Substance name	CAS N.	Reporting limit	Results
Pentachlorophenol	87-86-5	0,5 µg/L	ND
2,3,4,5-Tetrachlorophenol	4901-51-3	0,5 µg/L	ND
2,3,4,6-Tetrachlorophenol	58-90-2	0,5 µg/L	ND
2,3,5,6-Tetrachlorophenol	935-95-5	0,5 µg/L	ND
2,4,5-Trichlorophenol	95-95-4	0,5 µg/L	ND
2,4,6-Trichlorophenol	88-06-2	0,5 µg/L	ND
2,3,6 Trichlorophenol	933-75-5	0,5 µg/L	ND
2,3,5-Trichlorophenol	933-78-8	0,5 µg/L	ND
3,4,5-Trichlorophenol	609-19-8	0,5 µg/L	ND
2,3,4-Trichlorophenol	15950-66-0	0,5 µg/L	ND
2,4-Dichlorophenol	120-83-2	0,5 µg/L	ND
2,5-Dichlorophenol	583-78-8	0,5 µg/L	ND
4-chloro-3-methyl phenol	59-50-7	0,5 µg/L	ND
2,6-Dichlorophenol	87-65-0	0,5 µg/L	ND
2-Chlorophenol	95-57-8	0,5 µg/L	ND
4-Chlorophenol	106-48-9	0,5 µg/L	ND
2,2'-Methylenebis-4-Chlorophenol	97-23-4	0,5 µg/L	NP
Ortho-Phenylphenol	90-43-7	0,5 µg/L	ND
2,3-Dichlorophenol	576-24-9	0,5 µg/L	ND
3,4-Dichlorophenol	95-77-2	0,5 µg/L	ND
3,5-Dichlorophenol	591-35-5	0,5 µg/L	ND
Legend: ND= Not detected; NP= Not performed			

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dated 12/10/2017

(06) Organotin Compounds

Test Method: According to ISO 17353, quantification by Gas - Chromatograph with Mass Detector (GC-MSD)

Substance name	CAS N.	Reporting limit	Results
Monobutyltin Cation (MBT)	1118-46-3	0,01 µg/L	ND
Di-Butyltin Cation (DBT)	1461-22-9	0,01 µg/L	ND
Tri-Butyltin Cation (TBT)	683-18-1	0,01 µg/L	ND
Tetrabutyltin Cation (TeBT)	1461-25-2	0,01 µg/L	ND
Di-Octyltin Cation (DOT)	94410-05-6	0,01 µg/L	ND
Tri-Phenyltin Cation (TPhT)	892-20-6	0,01 µg/L	ND
Tricyclohexyltin Cation (TCyT)	3091-32-5	0,01 µg/L	ND
Di-N-Propyl Tin (DPnT)	867-366-7	0,01 µg/L	ND
Methyltin Trichloride (MMT)	993-16-8	0,01 µg/L	ND
Monooctyltin Cation (MOT)	15231-44-4	0,01 µg/L	ND
Diphenyltin (DPHT)	1011-95-6	0,01 µg/L	ND
Bis(Tributyltin) Oxide (TBTO)	56-35-9	0,01 µg/L	ND
Legend: ND= Not detected			

**TEST REPORT: 17.43192**

dated 12/10/2017

(07) Perfluorinated and Polyfluorinated Chemicals (PFCs)

Test Method: According to DIN 38407-42, quantification by Liquid Chromatograph with Mass detector and Gas Chromatography with mass detector

Substance name	CAS N.	Reporting limit	Results
Perfluorobutanoic acid (PFBA)	375-22-4	0,01 µg/L	ND
Perfluoropentane acid (PFPeA)	2706-90-3	0,01 µg/L	ND
Perfluorohexanoic acid (PFHxA)	307-24-4	0,01 µg/L	ND
Perfluorheptanoic acid (PFHpA)	378-85-9	0,01 µg/L	ND
Perfluorooctanoic acid (PFOA)	335-67-1 / 3825-26-1	0,01 µg/L	0,02 µg/L
Perfluorononanoic acid (PFNA)	375-95-1	0,01 µg/L	ND
Perfluorodecanoic acid (PFDA)	335-76-2	0,01 µg/L	ND
Perfluoroundecanoic acid (PFUnA)	2058-94-8 / 4234-23-5	0,01 µg/L	ND
Perfluorododecane acid (PFDoA)	307-55-1	0,01 µg/L	ND
Perfluorotridecane acid (PFTrA)	72629-94-8	0,01 µg/L	ND
Perfluorotetradecane acid (PFTA)	376-06-7	0,01 µg/L	ND
Perfluorobutansulfonate (PFBS)	29420-49-3 / 375-73-5 / 59933-66-3 / 7 749861-23-	0,01 µg/L	ND
Perfluorohexane sulfonate (PFHxS)	3871-99-6 / 355-46-4 / 82382-12-15	0,01 µg/L	ND
Perfluoroheptane sulphonate (PFHpS)	375-92-8 / 60270-55-5 / 68555-66-8	0,01 µg/L	ND
Perfluorooctane sulfonate (PFOS)	2795-39-3 / 1763-23-1	0,01 µg/L	ND
Perfluorodecane sulphonate (PFDS)	13419-61-9 / 335-77-3 / 2806-15-7 / 2806-16-8 / 67906-42-7	0,01 µg/L	ND
Perfluorooctane-sulfonamide (PFOSA)	754-91-6	0,01 µg/L	ND
4:2 Fluorotelomer alcohol (PFHxO)	2043-47-2	0,01 µg/L	ND
6:2 Fluorotelomer alcohol (PFOcO)	647-42-7	0,01 µg/L	ND
8:2 Fluorotelomer alcohol (PFDeO)	678-39-7	0,01 µg/L	ND
Perfluorooctyl acrylate (PFOcAc)	17527-29-6	0,01 µg/L	ND
Perfluorodecyl acrylate (PFDeAc)	27905-45-9	0,01 µg/L	ND
10:2 Fluorotelomer alcohol (FTOH 10-2)	865-86-1	0,1 µg/L	ND
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0,01 µg/L	ND
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol (N- MeFOSE)	24448-09-7	0,01 µg/L	ND
2-(N-Ethylperfluoro-1-octanesulfonamido)-ethanol (N- EtFOSE)	1691-99-2	0,01 µg/L	ND
N-methylperfluoro-1-octanesulfonamide (N-MeFOSA)	31506-32-8	0,01 µg/L	ND
N-ethylperfluoro-1-octanesulfonamide (N-EtFOSA)	4151-50-2	0,01 µg/L	ND
1H,1H,2H,2H-Perfluorododecyl acrylate (FTA 10-2)	17741-60-5	0,1 µg/L	ND
Perfluoro-3,7-dimethyloctanoic acid (H2PFDA)	172155-07-6	0,01 µg/L	ND

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7H-Perfluoroheptanoic acid (HPFHpA)	1546-95-8	0,01 µg/L	ND
2H,2H,3H,3H-Perfluoroundecanoic acid (HPFUaA)	34598-33-9	0,01 µg/L	ND
1H,1H,2H,2H Perfluorooctane sulfonic acid (H4PFOS 6-2)	27619-97-2	0,01 µg/L	ND
Perfluorohexane (PFHx)	335-42-0	0,01 µg/L	ND
Perfluoropentane (PFPe)	678-26-2	0,01 µg/L	ND
Perfluorocyclobutane (PFCB)	115-25-3	0,01 µg/L	ND
7H-dodecanefluoroheptane acid (7H-DoFHpA)	/	0,01 µg/L	ND
2H,2H-Perfluorodecane acid (2H-PFDeA)	/	0,01 µg/L	ND
1H,1H,2H,2H-Perfluorooctanesulphonic acid (1H-2H- PFOS)	/	0,01 µg/L	ND
1H,1H,2H,2H-Perfluorodecane sulfonate (8:2 FTS)	39108-34-4	0,01 µg/L	ND
2H,2H-Perfluorodecanoic acid (H2PFDeA)	27854-31-5	0,01 µg/L	ND
Perfluoro-1-octanesulfonyl fluoride (POSF)	307-35-7	0,01 µg/L	ND
Legend: ND= Not detected			

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dated 12/10/2017

(08) Phthalates

Test Method: According to USEPA 8270D, quantification by Gascromatograph with Mass Detector - Liquid Cromatograph with DAD and Mass detector

Substance name	CAS N.	Reporting limit	Results
Di-iso-butylphthalate (DIBP)	84-69-5	1 µg/L	ND
Dibutylphthalate (DBP)	84-74-2	1 µg/L	ND
Butylbenzylphthalate (BBP)	85-68-7	1 µg/L	ND
Di-n-pentylphthalate (DPP)	131-18-0	1 µg/L	ND
Di-isopentylphthalate (DIPP)	605-50-5	1 µg/L	ND
Di-(2-ethylexyl)-phthalate (DEHP)	117-81-7	1 µg/L	1,6 µg/L
Di-n-hexylphthalate (DHP)	84-75-3	1 µg/L	ND
Bis-(2-methoxyethyl)-phthalate (DMEP)	117-82-8	1 µg/L	ND
di-(C6-C8 alkyl)-phthalate branched (DIHP)	71888-89-6	1 µg/L	ND
Di-(C7-C11 alkyl)-phthalate linear + branched (DNHUP)	68515-42-4	1 µg/L	ND
Di-n-octylphthalate (DNOP)	117-84-0	1 µg/L	ND
Di-iso-nonylphthalate (DINP)	28553-12-0	1 µg/L	1,9 µg/L
Di-iso-decylphthalate (DIDP)	26761-40-0	1 µg/L	ND
Di-cyclohexylphthalate (DCHP)	84-61-7	1 µg/L	ND
Di-iso-octylphthalate (DIOP)	27554-26-3	1 µg/L	ND
Di-nonylphthalate (DNP)	84-76-4	1 µg/L	ND
Di-ethylphthalate (DEP)	84-66-2	1 µg/L	ND
Di-n-propylphthalate (DPRP)	131-16-8	1 µg/L	ND
N-pentyl-iso-pentyl phthalate (PIPP)	776297-69-9	1 µg/L	ND
1,2-benzenedicarboxylic acid, dipentyl ester, branched and linear (PBLP)	84777-06-0	1 µg/L	ND
Legend: ND= Not detected			

**TEST REPORT: 17.43192**

dated 12/10/2017

(09) Dyes - Azo

Test Method: According to EN ISO 14362-1:2017, EN ISO 14362-3:2017, quantification by Liquid chromatograph with Mass selective detector (HPLC -MS); Gas chromatograph with Mas selective detector (GC -MS).

Substance name	CAS N.	Reporting limit	Results
4-Aminodiphenyl	92-67-1	0,1 µg/L	ND
Benzidine	92-87-5	0,1 µg/L	ND
4-Chloro-o-Toluidine	95-69-2	0,1 µg/L	ND
2-Naphthylamine	91-59-8	0,1 µg/L	ND
p-Chloroaniline	106-47-8	0,1 µg/L	ND
2,4-Diaminoanisole	615-05-4	0,1 µg/L	ND
4,4'-Diaminodiphenylmethane	101-77-9	0,1 µg/L	ND
3,3'-Dichlorobenzidine	91-94-1	0,1 µg/L	ND
3,3'-Dimethoxybenzidine	119-90-4	0,1 µg/L	ND
3,3'-Dimethylbenzidine	119-93-7	0,1 µg/L	ND
3,3'-Dimethyl-4,4'-Diminodiphenylmethane	838-88-0	0,1 µg/L	ND
p-Kresidine	120-71-8	0,1 µg/L	ND
4,4'-Methylene-bis-(2-Chloraniline)	101-14-4	0,1 µg/L	ND
4,4'-Oxydianiline	101-80-4	0,1 µg/L	ND
4,4'-Thiodianiline	139-65-1	0,1 µg/L	ND
o-Toluidine	96-53-4	0,1 µg/L	ND
o-Aminoazotoluene	97-56-3	0,1 µg/L	ND
2-Amino-4-Nitrotoluene	99-55-8	0,1 µg/L	ND
2,4'-Tolylenediamine	95-80-7	0,1 µg/L	ND
2,4,5-Trimethylaniline	137-17-7	0,1 µg/L	ND
O-anisidine	90-04-4	0,1 µg/L	ND
4-Aminoazobenzene	60-09-3	0,1 µg/L	ND
2,4-Xylidine	95-68-1	0,1 µg/L	ND
2,6-Xylidine	87-62-7	0,1 µg/L	ND
Legend: ND= Not detected			

**TEST REPORT: 17.43192**

dated 12/10/2017

(10) Allergenic Disperse Dyes

Test Method: According to DIN 54231, quantification by Liquid chromatograph with DAD and MS detector

Substance name	CAS N.	Reporting limit	Results
Disperse Blue 1	2475-45-8	1 µg/L	ND
Disperse Blue 3	2475-46-9	1 µg/L	ND
Disperse Blue 7	3179-90-6	1 µg/L	ND
Disperse Blue 26	3860-63-7	1 µg/L	ND
Disperse Blue 35	12222-75-2	1 µg/L	ND
Disperse Blue 102	12222-97-8	1 µg/L	ND
Disperse Blue 106	12223-01-7	1 µg/L	ND
Disperse Blue 124	61951-51-7	1 µg/L	ND
Disperse Brown 1	23355-64-8	1 µg/L	ND
Disperse Orange 1	2581-69-3	1 µg/L	ND
Disperse Orange 3	730-40-5	1 µg/L	ND
Disperse Orange 76/37	12223-33-5	1 µg/L	ND
Disperse Orange 149	85136-74-9	1 µg/L	ND
Disperse Yellow 1	119-15-3	1 µg/L	ND
Disperse Yellow 3	2832-40-8	1 µg/L	ND
Disperse Yellow 9	6373-73-5	1 µg/L	ND
Disperse Yellow 23	6250-23-3	1 µg/L	ND
Disperse Yellow 39	12236-29-2	1 µg/L	ND
Disperse Yellow 49	54824-37-2	1 µg/L	ND
Disperse Red 1	2872-52-8	1 µg/L	ND
Disperse Red 11	2872-48-2	1 µg/L	ND
Disperse Red 17	3179-89-3	1 µg/L	ND
Legend: ND= Not detected			

**TEST REPORT: 17.43192**

dated 12/10/2017

(11) Carcinogenic Dyes

Test Method: According to DIN 54231, quantification by Liquid chromatograph with DAD and MS detector

Substance name	CAS N.	Reporting limit	Results
Acid Red 26	3761-53-3	1 µg/L	ND
Basic Red 9	569-61-9	1 µg/L	ND
Direct Black 38	1937-37-7	1 µg/L	ND
Direct Blue 6 (Direct Blue 2B)	2602-46-2	1 µg/L	ND
Direct Red 28	573-58-0	1 µg/L	ND
Disperse Blue 1	2475-45-8	1 µg/L	ND
Disperse Yellow 3	2832-40-8	1 µg/L	ND
Basic Violet 14	632-99-5	1 µg/L	ND
Disperse Orange 11	82-28-0	1 µg/L	ND
Basic Blue 26	2580-56-5	1 µg/L	ND
Malachite Green Chloride Salt	569-64-2	1 µg/L	ND
Malachite Green Oxalate	2437-29-8	1 µg/L	ND
Basic Green 4	10309-95-2	1 µg/L	ND
Solvent Yellow 2	60-11-7	1 µg/L	ND
Solvent Yellow 3	97-56-3	1 µg/L	ND
Giallo Solvente 14	842-07-9	1 µg/L	ND
Basic Violet 1	8004-87-3	1 µg/L	ND
Direct Blue 15	2429-74-5	1 µg/L	ND
Acid Red 114	6459-94-5	1 µg/L	ND
Acid Violet 49	1694-09-3	1 µg/L	ND
Solvent Yellow 1	60-09-3	1 µg/L	ND
Legend: ND= Not detected			

**TEST REPORT: 17.43192**dated **12/10/2017****(12) Chlorinated Paraffins**

Test Method: According to USEPA 8270, quantification by Gas chromatograph with MS detector (GC/ECNI-MS)

Substance name	CAS N.	Reporting limit	Results
Short Chain Chlorinated Paraffins, C10-C13 (SCCP)	85535-84-8 / 85535-84-8	0,5 µg/L	ND
Legend: ND= Not detected			

(13) Metals

Test Method: According to ISO17294-2 (2016) and ISO 11885 (2007), quantification by Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES) and Inductively Coupled Plasma with Mass Detector (ICP-MS)

Substance name	Reporting limit	Results
Lead (Pb)	1 µg/L	2,6 µg/L
Cadmium (Cd)	0,1 µg/L	0,21 µg/L
Mercury (Hg)	0,5 µg/L	ND
Hexavalent Chromium (CrVI)	1 µg/L	4,8 µg/L
Legend: ND= Not detected		

... END OF REPORT...