Test Report

REPORT NO 1001501448

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PHOTO OF SUBMITTED SAMPLE(S):

SAMPLE INFORMATION:	
Sample Description	Incoming water, Discharged wastewater,raw waste water
Sampler ID	8F146507910

Sample description assigned by laboratory:
Number of Samples: 1

Sample Number:	Description:	Sub-Sample Of:
001	ZDHC WATERS SAMPLES	
D001	Discharged Waste Water	001
I001	Incoming Water	001
R001	Raw Waste Water	001

Test Report

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TEST	001
Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs) Content	PASS
Azo Dyes Content	PASS
Absorbable Organic Halogens (AOX)	PASS
Ammonium as N	PASS
Biological Oxygen Demand (BOD)	PASS
Chemical Oxygen Demand (COD)	PASS
Coliform	FAIL
Colour (436, 525, 620nm)	PASS
Cyanide	PASS
Oil and Grease	PASS
Sulfide	PASS
Sulfite	PASS
Temperature	PASS
Total Nitrogen as N	FAIL
Total Phenol	PASS
Total Phosphorus as P	PASS
Total Suspended Solids (TSS)	PASS
pH Value	PASS
Persistent Foam	PASS
Chlorinated Paraffins Content	PASS
Chlorophenols Content	PASS
Allergenic Disperse Dyes Content	PASS
Carcinogenic Dyes Content	PASS
Flame Retardants Content	PASS
Total Heavy Metals Content	PASS
Chlorobenzenes and Chlorotoluenes Content	PASS
Glycols Content	PASS
Organotin Compounds Content	PASS
Polycyclic Aromatic Hydrocarbons (PAHs) Content	PASS
Perfluorinated Compounds (PFCs) Content	PASS
Phthalates Content	PASS
Halogenated Solvents Content	FAIL
Volatile Organic Compounds (VOC) Content	FAIL

Note: NC = No Comment; NA = Not Applicable; NR = Not Requested; NT = Not Tested; Ref Only = Reference only; ** = test result(s) will be added later

Note:

1. The results relate only to the items tested

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Approved By	Approved By
	
FOUED MELLOULI	MOHAMED BAKIRA
Consumer Manager	Chemical Laboratory Supervisor

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Test Performed: Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs) Content			
Test Method : EN ISO 18254-2:2019			
Sample Number:	D001	R001	
	Result	**Result**	**Requirements**
Octylphenol (OP)	<5.0 µg/L	<5.0 µg/L	< 5.0 µg/L
Nonylphenol (NP)	<5.0 µg/L	<5.0 µg/L	< 5.0 µg/L
OPEO, n=1-2	<5.0 µg/L	<5.0 µg/L	< 5.0 µg/L
OPEO, n>2	<5.0 µg/L	<5.0 µg/L	< 5.0 µg/L
NPEO, n=1-2	<5.0 µg/L	<5.0 µg/L	< 5.0 µg/L
NPEO, n>2	<5.0 µg/L	<5.0 µg/L	< 5.0 µg/L
Conclusion	PASS	PASS	

Remark:
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Test Performed: Azo Dyes Content			
Test Method: With reference to EN 14362-1&3 and followed by GCMS &/or LCMS Analysis.			
Test Method : With reference to EN 14362-1&3 and followed by GCMS &/or LCMS Analysis			
Sample Number:	D001	R001	
	Result	**Result**	**Requirements**
benzidine	<0.1 µg/L	<0.1 µg/L	< 0.1 µg/L
4-aminodiphenyl	<0.1 µg/L	<0.1 µg/L	< 0.1 µg/L
4-chloro-o-toluidine	<0.1 µg/L	<0.1 µg/L	< 0.1 µg/L
2-naphthylamine	<0.1 µg/L	<0.1 µg/L	< 0.1 µg/L
o-aminoazotoluene	<0.1 µg/L	<0.1 µg/L	< 0.1 µg/L
5-nitro-o-toluidine	<0.1 µg/L	<0.1 µg/L	< 0.1 µg/L
4-chloroaniline	<0.1 µg/L	<0.1 µg/L	< 0.1 µg/L
4-methoxy-m-phenylenediamine	<0.1 µg/L	<0.1 µg/L	< 0.1 µg/L
4,4-diaminodiphenylmethane	<0.1 µg/L	<0.1 µg/L	< 0.1 µg/L
3,3-dichlorobenzidine	<0.1 µg/L	<0.1 µg/L	< 0.1 µg/L
3,3-dimethoxybenzidine	<0.1 µg/L	<0.1 µg/L	< 0.1 µg/L

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Test Performed: Azo Dyes Content			
3,3-dimethylbenzidine	<0.1 µg/L	<0.1 µg/L	< 0.1 µg/L
4,4-methylenedi-o-toluidine	<0.1 µg/L	<0.1 µg/L	< 0.1 µg/L
p-cresidine	<0.1 µg/L	<0.1 µg/L	< 0.1 µg/L
4,4-methlyene-bis-(2-chloroaniline)	<0.1 µg/L	<0.1 µg/L	< 0.1 µg/L
4,4-oxydianiline	<0.1 µg/L	<0.1 µg/L	< 0.1 µg/L
4,4-thiodianiline	<0.1 µg/L	<0.1 µg/L	< 0.1 µg/L
o-toluidine	<0.1 µg/L	<0.1 µg/L	< 0.1 µg/L
2,4,5-trimethylaniline	<0.1 µg/L	<0.1 µg/L	< 0.1 µg/L
4-methyl-m-phenylenediamine	<0.1 µg/L	<0.1 µg/L	< 0.1 µg/L
o-anisidine	<0.1 µg/L	<0.1 µg/L	< 0.1 µg/L
2,4-xylidine	<0.1 µg/L	<0.1 µg/L	< 0.1 µg/L
2,6-xylidine	<0.1 µg/L	<0.1 µg/L	< 0.1 µg/L
4-aminoazobenzene	<0.1 µg/L	<0.1 µg/L	< 0.1 µg/L
Conclusion	PASS	PASS	

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benzidine (CAS No. 92-87-5); 4-aminodiphenyl (CAS No. 92-67-1); 4-chloro-o-toluidine (CAS No. 95-69-2); 2-naphthylamine (CAS No. 91-59-8); o-aminoazotoluene (CAS No. 97-56-3); 5-nitro-o-toluidine (CAS No. 99-55-8); 4-chloroaniline (CAS No. 106-47-8); 4-methoxy-m-phenylenediamine (CAS No. 615-05-4); 4,4-diaminodiphenylmethane (CAS No. 101-77-9); 3,3-dichlorobenzidine (CAS No. 91-94-1); 3,3-dimethoxybenzidine (CAS No. 119-90-4); 3,3-dimethylbenzidine (CAS No. 119-93-7); 4,4-methylenedi-o-toluidine (CAS No. 838-88-0); p-cresidine (CAS No. 120-71-8); 4,4-methlyene-bis-(2-chloroaniline) (CAS No. 101-14-4); 4,4-oxydianiline (CAS No. 101-80-4); 4,4-thiodianiline (CAS No. 139-65-1); o-toluidine (CAS No. 95-53-4); 2,4,5-trimethylaniline (CAS No. 137-17-7); 4-methyl-m-phenylenediamine (CAS No. 95-80-7); o-anisidine (CAS No. 90-04-0); 2,4-xylidine (CAS No. 95-68-1); 2,6-xylidine (CAS No. 87-62-7); 4-aminoazobenzene (CAS No. 60-09-3);

Test Performed: Absorbable Organic Halogens (AOX)		
Test Method : Photometric measurement.		
Sample Number:	D001	
	Result	**Requirements**
Absorbable Organic Halogens (AOX)	<0.1 mg/L	≤ 5.0 mg/L
Conclusion	PASS	

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Test Performed: Absorbable Organic Halogens (AOX)
Remark: 1. Regarding the results found the symbol "<" followed by a number indicates that the concentration of the substance is less than the limit of quantification expressed by that number. 2. "<" means less than; "≤" means less than or equal to. 3. "mg/L" means milligrams per liter.

Test Performed: Ammonium as N		
Test Method : With reference to APHA/SM 4500 NH3-N.		
Sample Number:	D001	
	Result	**Requirements**
Ammonium as N	7.5 mg/L	≤ 10.0 mg/L
Conclusion	PASS	
Remark: 1. Regarding the results found the symbol "<" followed by a number indicates that the concentration of the substance is less than the limit of quantification expressed by that number. 2. "<" means less than; "≤" means less than or equal to. 3. "mg/L" means milligrams per liter.		

Test Performed: Biological Oxygen Demand (BOD)		
Test Method : With reference to APHA/SM 5210B.		
Sample Number:	D001	
	Result	**Requirements**
BOD (5-day)	<5 mg/L	≤ 30.0 mg/L
Conclusion	PASS	

Test Performed: Chemical Oxygen Demand (COD)		
Test Method : With reference to APHA/SM 5220D.		
Sample Number:	D001	
	Result	**Requirements**
COD	56 mg/L	≤ 150.0 mg/L
Conclusion	PASS	
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Test Performed: Coliform
Test Method : With reference to USEPA 9132.

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Test Performed: Coliform		
Sample Number:	D001	
	Result	**Requirements**
Coliform Colonies/100mL	>8000	≤ 400.0
Conclusion	FAIL	

Test Performed: Colour (436, 525, 620nm)		
Test Method : With reference to ISO 7887 Method B.		
Sample Number:	D001	
	Result	**Requirements**
Colour (436nm)	2.3 absorbance	≤ 7.0 absorbance
Colour (525nm)	<2.0 absorbance	≤ 5.0 absorbance
Colour (620nm)	<1.0 absorbance	≤ 3.0 absorbance
Conclusion	PASS	

Test Performed: Cyanide		
Test Method : Preparation: with reference to US EPA 9013; Analysis: with reference to US EPA 9014, 9213		
Sample Number:	D001	
	Result	**Requirements**
Cyanide	<0.05 mg/L	≤ 0.2 mg/L
Conclusion	PASS	

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Test Performed: Oil and Grease		
Test Method : With reference to USEPA 1664.		
Sample Number:	D001	
	Result	**Requirements**
n-Hexane Extractable Material (HEM)	<0.5 mg/L	≤ 10.0 mg/L
Conclusion	PASS	

Remark:
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Test Performed: Sulfide		
Test Method : With reference to APHA/SM 4500-S2-D.		
Sample Number:	D001	
	Result	**Requirements**
Sulfide	<0.01 mg/L	≤ 0.5 mg/L
Conclusion	PASS	

Remark:
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3. "mg/L" means milligrams per liter.

Test Performed: Sulfite		
Test Method : With reference to USEPA 377.1.		
Sample Number:	D001	
	Result	**Requirements**
Sulfite	<0.2 mg/L	≤ 2.0 mg/L
Conclusion	PASS	

Remark:
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3. "mg/L" means milligrams per liter.

Test Performed: Temperature		
Test Method : With reference to USEPA 170.1.		
Sample Number:	D001	
	Result	**Requirements**
Temperature	25.9 °C	≤ 35.0 °C
Conclusion	PASS	

Remark:
1. "<" means less than; "≤" means less than or equal to.
2. "°C " means degrees Celsius.

Test Performed: Total Nitrogen as N		
Test Method : With reference to APHA/SM 4500N-C.		
Sample Number:	D001	
	Result	**Requirements**

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Test Performed: Total Nitrogen as N		
Total Nitrogen as N	24.4 mg/L	≤ 20.0 mg/L
Conclusion	FAIL	

Remark:
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Test Performed: Total Phenol		
Test Method : With reference APHA/ SM 5530B, C&D.		
Sample Number:	D001	
	Result	**Requirements**
Total Phenol	<0.001 mg/L	≤ 0.5 mg/L
Conclusion	PASS	

Remark:
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3. "mg/L" means milligrams per liter.

Test Performed: Total Phosphorus as P		
Test Method : With reference to APHA/SM 4500P-J.		
Sample Number:	D001	
	Result	**Requirements**
Total Phosphorus as P	<0.1 mg/L	≤ 3.0 mg/L
Conclusion	PASS	

Remark:
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3. "mg/L" means milligrams per liter.

Test Performed: Total Suspended Solids (TSS)		
Test Method : With reference to USEPA 170.1.		
Sample Number:	D001	
	Result	**Requirements**
TSS	7.0 mg/L	≤ 50.0 mg/L
Conclusion	PASS	

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Test Performed: Total Suspended Solids (TSS)
Remark: 1. Regarding the results found the symbol "<" followed by a number indicates that the concentration of the substance is less than the limit of quantification expressed by that number. 2. "<" means less than; "≤" means less than or equal to. 3. "mg/L" means milligrams per liter.

Test Performed: pH Value		
Test Method : With reference to USEPA 150.1.		
Sample Number:	D001	
	Result	**Requirements**
pH value	7.8	6.0 to 9.0
Conclusion	PASS	

Test Performed: Persistent Foam		
Sample Number:	D001	
	Result	**Requirements**
Persistent Foam	Not Visible	Not Visible
Conclusion	PASS	

Test Performed: Chlorinated Paraffins Content			
Test Method : With reference to ISO 22892:2006			
Sample Number:	D001	R001	
	Result	**Result**	**Requirements**
SCCP	<5.0 µg/L	<5.0 µg/L	< 5.0 µg/L
Conclusion	PASS	PASS	
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Test Performed: Chlorophenols Content

Test Method: With reference USEPA 8270D, Solvent extraction and derivatization with KOH, acetic anhydride followed by GCMS analysis

Test Method : With reference to USEPA 8270, USEPA 527, USEPA 8321B Solvent extraction followed by GC/MS & LCMS

Sample Number:	D001	R001	
	Result	**Result**	**Requirements**
PCP	<0.5 µg/L	<0.5 µg/L	< 0.5 µg/L
2,3,5,6-Tetrachlorophenol	<0.5 µg/L	<0.5 µg/L	< 0.5 µg/L
2,3,4,6-Tetrachlorophenol	<0.5 µg/L	<0.5 µg/L	< 0.5 µg/L
2,3,4,5-Tetrachlorophenol	<0.5 µg/L	<0.5 µg/L	< 0.5 µg/L
2,4,6-Trichlorophenol	<0.5 µg/L	<0.5 µg/L	< 0.5 µg/L
2,4,5-Trichlorophenol	<0.5 µg/L	<0.5 µg/L	< 0.5 µg/L
2,3,4-Trichlorophenol	<0.5 µg/L	<0.5 µg/L	< 0.5 µg/L
2,3,5-Trichlorophenol	<0.5 µg/L	<0.5 µg/L	< 0.5 µg/L
3,4,5-Trichlorophenol	<0.5 µg/L	<0.5 µg/L	< 0.5 µg/L
2,3,6-Trichlorophenol	<0.5 µg/L	<0.5 µg/L	< 0.5 µg/L
2,3-Dichlorophenol	<0.5 µg/L	<0.5 µg/L	< 0.5 µg/L
2,4-Dichlorophenol	<0.5 µg/L	<0.5 µg/L	< 0.5 µg/L
2,5-Dichlorophenol	<0.5 µg/L	<0.5 µg/L	< 0.5 µg/L
2,6-Dichlorophenol	<0.5 µg/L	<0.5 µg/L	< 0.5 µg/L
3,4-Dichlorophenol	<0.5 µg/L	<0.5 µg/L	< 0.5 µg/L
3,5-Dichlorophenol	<0.5 µg/L	<0.5 µg/L	< 0.5 µg/L
2-Chlorophenol	<0.5 µg/L	<0.5 µg/L	< 0.5 µg/L
3-Chlorophenol	<0.5 µg/L	<0.5 µg/L	< 0.5 µg/L
4-Chlorophenol	<0.5 µg/L	<0.5 µg/L	< 0.5 µg/L
Conclusion	PASS	PASS	

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Test Performed: Allergenic Disperse Dyes Content

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Test Performed: Allergenic Disperse Dyes Content			
Test Method : Extraction by organic solvent. Detection and quantification with LC-MS/MS			
Sample Number:	D001	R001	
	Result	**Result**	**Requirements**
C.I. Disperse Blue 7 (CAS 3179-90-6)	<50.0 µg/L	<50.0 µg/L	< 50.0 µg/L
C.I. Disperse Blue 26 (CAS 3860-63-7)	<50.0 µg/L	<50.0 µg/L	< 50.0 µg/L
C.I. Disperse Blue 35 (CAS 12222-75-2)	<50.0 µg/L	<50.0 µg/L	< 50.0 µg/L
C.I. Disperse Blue 35 (CAS 56524-77-7/CAS 56524-76-6)	<50.0 µg/L	<50.0 µg/L	< 50.0 µg/L
C.I. Disperse Blue 102 (CAS 12222-97-8)	<50.0 µg/L	<50.0 µg/L	< 50.0 µg/L
C.I. Disperse Blue 106 (CAS 12223-01-7)	<50.0 µg/L	<50.0 µg/L	< 50.0 µg/L
C.I. Disperse Blue 124 (CAS 61951-51-7)	<50.0 µg/L	<50.0 µg/L	< 50.0 µg/L
C.I. Disperse Brown 1 (CAS 23355-64-8)	<50.0 µg/L	<50.0 µg/L	< 50.0 µg/L
C.I. Disperse Orange 1 (CAS 2581-69-3)	<50.0 µg/L	<50.0 µg/L	< 50.0 µg/L
C.I. Disperse Orange 3 (CAS 730-40-5)	<50.0 µg/L	<50.0 µg/L	< 50.0 µg/L
C.I. Disperse Orange 37/59/76 (CAS 12223-33-5/ 13301-61-6/ 51811-42-8)	<50.0 µg/L	<50.0 µg/L	< 50.0 µg/L
C.I. Disperse Red 1 (CAS 2872-52-8)	<50.0 µg/L	<50.0 µg/L	< 50.0 µg/L
C.I. Disperse Red 11 (CAS 2872-48-2)	<50.0 µg/L	<50.0 µg/L	< 50.0 µg/L
C.I. Disperse Red 17 (CAS 3179-89-3)	<50.0 µg/L	<50.0 µg/L	< 50.0 µg/L
C.I. Disperse Yellow 1 (CAS 119-15-3)	<50.0 µg/L	<50.0 µg/L	< 50.0 µg/L

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Test Performed: Allergenic Disperse Dyes Content			
C.I. Disperse Yellow 3 (CAS 2832-40-8)	<50.0 µg/L	<50.0 µg/L	< 50.0 µg/L
C.I. Disperse Yellow 9 (CAS 6373-73-5)	<50.0 µg/L	<50.0 µg/L	< 50.0 µg/L
C.I. Disperse Yellow 39 (CAS 12236-29-2)	<50.0 µg/L	<50.0 µg/L	< 50.0 µg/L
C.I. Disperse Yellow 49 (CAS 54824-37-2)	<50.0 µg/L	<50.0 µg/L	< 50.0 µg/L
Blue colorant (CAS 118685-33-9)	<50.0 µg/L	<50.0 µg/L	< 50.0 µg/L
Conclusion	PASS	PASS	

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Test Performed: Carcinogenic Dyes Content			
Test Method : Extraction by organic solvent. Detection and quantification with LC-MS/MS			
Sample Number:	D001	R001	
	Result	**Result**	**Requirements**
C.I. Disperse Blue 1 (CAS 2475-45-8)	<500.0 µg/L	<500.0 µg/L	< 500.0 µg/L
C.I. Disperse Blue 3 (CAS 2475-46-9)	<500.0 µg/L	<500.0 µg/L	< 500.0 µg/L
C.I. Disperse Orange 11 (CAS 82-28-0)	<500.0 µg/L	<500.0 µg/L	< 500.0 µg/L
C.I. Acid Red 26 (CAS 3761-53-3)	<500.0 µg/L	<500.0 µg/L	< 500.0 µg/L
C.I. Basic Blue 26 (CAS 2580-56-5)	<500.0 µg/L	<500.0 µg/L	< 500.0 µg/L
C.I. Basic Red 9 (CAS 569-61-9)	<500.0 µg/L	<500.0 µg/L	< 500.0 µg/L
C.I. Basic Green 4 (malachite green chloride)	<500.0 µg/L	<500.0 µg/L	< 500.0 µg/L

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Test Performed: Carcinogenic Dyes Content			
(CAS 569-64-2)			
C.I. Basic Green 4 (malachite green oxalate) (CAS 2437-29-8)	<500.0 µg/L	<500.0 µg/L	< 500.0 µg/L
C.I. Basic Green 4 (malachite green)(CAS 10309-95-2)	<500.0 µg/L	<500.0 µg/L	< 500.0 µg/L
C.I. Basic Violet 14 (CAS 632-99-5)	<500.0 µg/L	<500.0 µg/L	< 500.0 µg/L
C.I. Direct Black 38 (CAS 1937-37-7)	<500.0 µg/L	<500.0 µg/L	< 500.0 µg/L
C.I. Direct Blue 6 (CAS 2602-46-2)	<500.0 µg/L	<500.0 µg/L	< 500.0 µg/L
C.I. Direct Red 28 (CAS 573-58-0)	<500.0 µg/L	<500.0 µg/L	< 500.0 µg/L
Conclusion	PASS	PASS	

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Test Performed: Flame Retardants Content			
Test Method : With reference to ISO 22032:2006			
Sample Number:	D001	R001	
	Result	**Result**	**Requirements**
Hexabromocyclododecane (HBCDD)	<5.0 µg/L	<5.0 µg/L	< 5.0 µg/L
Pentabromo diphenyl ether (PentaBDE)	<5.0 µg/L	<5.0 µg/L	< 5.0 µg/L
Octabromodiphenyl ether (OctaBDE)	<5.0 µg/L	<5.0 µg/L	< 5.0 µg/L
Decabromodiphenyl ether (DecaDBE)	<5.0 µg/L	<5.0 µg/L	< 5.0 µg/L

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Test Performed: Flame Retardants Content			
Polybrominatedbiphenyl (PBB)	<5.0 µg/L	<5.0 µg/L	< 5.0 µg/L
Monobromobiphenyls (MonoBB)	<5.0 µg/L	<5.0 µg/L	< 5.0 µg/L
Dibromobiphenyls (DiBB)	<5.0 µg/L	<5.0 µg/L	< 5.0 µg/L
Tribromobiphenyls (TriBB)	<5.0 µg/L	<5.0 µg/L	< 5.0 µg/L
Tetrabromobiphenyls (TetraBB)	<5.0 µg/L	<5.0 µg/L	< 5.0 µg/L
Pentabrombiphenyls (PentaBB)	<5.0 µg/L	<5.0 µg/L	< 5.0 µg/L
Hexabromobiphenyls (HexaBB)	<5.0 µg/L	<5.0 µg/L	< 5.0 µg/L
Heptabromobiphenyls (HeptaBB)	<5.0 µg/L	<5.0 µg/L	< 5.0 µg/L
Octabromobiphenyls (OctaBB)	<5.0 µg/L	<5.0 µg/L	< 5.0 µg/L
Nonabromobiphenyls (NonaBB)	<5.0 µg/L	<5.0 µg/L	-
Decabromobiphenyls (DecaBB)	<5.0 µg/L	<5.0 µg/L	< 5.0 µg/L
2,2-Bis(bromomethyl)propan-1,3-diol (BBMP)	<5.0 µg/L	<5.0 µg/L	< 5.0 µg/L
Bis (2,3-dibromopropyl) phosphate (BDBPP)	<5.0 µg/L	<5.0 µg/L	< 5.0 µg/L
Tris- (2,3 Dibromopropyl) phosphate (TRIS)	<5.0 µg/L	<5.0 µg/L	< 5.0 µg/L
Tris-aziridinyl phosphine oxide (TEPA)	<5.0 µg/L	<5.0 µg/L	< 5.0 µg/L
Tetrabromo Bisphenol A (TBBPA)	<5.0 µg/L	<5.0 µg/L	< 5.0 µg/L
Tris(2-chloroethyl)phosphate (TCEP)	<5.0 µg/L	<5.0 µg/L	-
Tris(1,3-dichloro-2-propyl) phosphate (TDCPP)	<5.0 µg/L	<5.0 µg/L	< 5.0 µg/L
Conclusion	PASS	PASS	

Test Report

REPORT NO 1001501448

Test Performed: Flame Retardants Content
Remark: 1. Regarding the results found the symbol "<" followed by a number indicates that the concentration of the substance is less than the limit of quantification expressed by that number. 2. "<" means less than; "≤" means less than or equal to. 3. "µg/L" means micrograms per liter.
Hexabromocyclododecane (HBCDD) (CAS No. 25637-99-4/3194-55-6); Pentabromo diphenyl ether (PentaBDE) (CAS No. 32534-81-9); Octabromodiphenyl ether (OctaBDE) (CAS No. 32536-52-0); Decabromodiphenyl Ether (DecaDBE) (CAS No. 1163-19-5); Polybrominatedbiphenyl (PBB) (CAS No. 59536-65-1); Monobromobiphenyls (MonoBB) (CAS No. 26264-10-8); Dibromobiphenyls (DiBB) (CAS No. 27479-65-8); Tribromobiphenyls (TriBB) (CAS No. 51202-79-0); Tetrabromobiphenyls (TetraBB) (CAS No. 40088-45-7); Pentabrombiphenyls (PentaBB) (CAS No. 56307-79-0); Hexabromobiphenyls (HexaBB) (CAS No. 36355-01-8); Heptabromobiphenyls (HeptaBB) (CAS No. 35194-78-6); Octabromobiphenyls (OctaBB) (CAS No. 27858-07-7); Nonabromobiphenyls (NonaBB) (CAS No. 27753-52-2); Decabromobiphenyls (DecaBB) (CAS No. 13654-09-6); 2,2-Bis(bromomethyl)propan-1,3-diol (BBMP) (CAS No. 3296-90-0); Bis (2,3-dibromopropyl) phosphate (BDBPP) (CAS No. 5412-25-9); Tris- (2,3 Dibromopropyl) phosphate (TRIS) (CAS No. 126-72-7); Tris-aziridinyl phosphine oxide (TEPA) (CAS No. 545-55-1); Tetrabromo Bisphenol A (TBBPA) (CAS No. 79-94-7); Tris(2-chloroethyl)phosphate (TCEP) (CAS No. 115-96-8); Tris(1,3-dichloro-2-propyl) phosphate (TDCPP) (CAS No. 13674-87-8);

Test Report

REPORT NO 1001501448

Test Performed: Total Heavy Metals Content			
Test Method : Microwave digestion with H_2O_2/HNO_3, analysis by ICP-OES or ICP/MS			
Sample Number:	D001	R001	
	Result	**Result**	**Requirements**
Antimony (Sb)	<0.01 mg/L	<0.01 mg/L	≤ 0.1 mg/L
Arsenic (As)	<0.005 mg/L	<0.005 mg/L	≤ 0.05 mg/L
Cadmium (Cd)	<0.00 mg/L	<0.00 mg/L	≤ 0.1 mg/L
Total Chromium (Cr)	<0.05 mg/L	<0.05 mg/L	≤ 0.2 mg/L
Hexavalent Chromium (CrVI)	<0.001 mg/L	<0.001 mg/L	≤ 0.05 mg/L
Cobalt (Co)	<0.01 mg/L	<0.01 mg/L	≤ 0.05 mg/L
Copper (Cu)	<0.25 mg/L	<0.25 mg/L	≤ 1.0 mg/L
Lead (Pb)	<0.01 mg/L	<0.01 mg/L	≤ 0.1 mg/L
Mercury (Hg)	<0.001 mg/L	<0.001 mg/L	≤ 0.01 mg/L
Nickel (Ni)	<0.05 mg/L	<0.05 mg/L	≤ 0.2 mg/L
Silver (Hg)	<0.005 mg/L	<0.005 mg/L	≤ 0.1 mg/L
Zinc (Zn)	<0.50 mg/L	<0.50 mg/L	≤ 5.0 mg/L
Conclusion	PASS	PASS	

Remark:
1. Regarding the results found the symbol "<" followed by a number indicates that the concentration of the substance is less than the limit of quantification expressed by that number.
2. "<" means less than; "≤" means less than or equal to.
3. "mg/L" means milligrams per liter.

Test Performed: Chlorobenzenes and Chlorotoluenes Content			
Test Method : With reference USEPA 8260B & 8270D, Solvent extraction with GCMS analysis			
Sample Number:	D001	R001	
	Result	**Result**	**Requirements**
Monochlorobenzene	<0.2 µg/L	<0.2 µg/L	< 0.2 µg/L
1,2-Dichlorobenzene	<0.2 µg/L	<0.2 µg/L	< 0.2 µg/L
1,3-Dichlorobenzene	<0.2 µg/L	<0.2 µg/L	< 0.2 µg/L
1,4-Dichlorobenzene	<0.2 µg/L	<0.2 µg/L	< 0.2 µg/L
1,2,3-Trichlorobenzene	<0.2 µg/L	<0.2 µg/L	< 0.2 µg/L
1,2,4-Trichlorobenzene	<0.2 µg/L	<0.2 µg/L	< 0.2 µg/L
1,3,5-Trichlorobenzene	<0.2 µg/L	<0.2 µg/L	< 0.2 µg/L
1,2,3,4-Tetrachlorobenzene	<0.2 µg/L	<0.2 µg/L	< 0.2 µg/L
1,2,3,5-Tetrachlorobenzene	<0.2 µg/L	<0.2 µg/L	< 0.2 µg/L
1,2,4,5-Tetrachlorobenzene	<0.2 µg/L	<0.2 µg/L	< 0.2 µg/L

Test Report

REPORT NO 1001501448

Test Performed: Chlorobenzenes and Chlorotoluenes Content			
Pentachlorobenzene	<0.2 µg/L	<0.2 µg/L	< 0.2 µg/L
Hexachlorobenzene	<0.2 µg/L	<0.2 µg/L	< 0.2 µg/L
2-Chlorotoluene	<0.2 µg/L	<0.2 µg/L	< 0.2 µg/L
3-Chlorotoluene	<0.2 µg/L	<0.2 µg/L	< 0.2 µg/L
4-Chlorotoluene	<0.2 µg/L	<0.2 µg/L	< 0.2 µg/L
2,3-Dichlorotoluene	<0.2 µg/L	<0.2 µg/L	< 0.2 µg/L
2,5-Dichlorotoluene	<0.2 µg/L	<0.2 µg/L	< 0.2 µg/L
2,6-Dichlorotoluene	<0.2 µg/L	<0.2 µg/L	< 0.2 µg/L
2,4-Dichlorotoluene	<0.2 µg/L	<0.2 µg/L	< 0.2 µg/L
3,4-Dichlorotoluene	<0.2 µg/L	<0.2 µg/L	< 0.2 µg/L
3,5-Dichlorotoluene	<0.2 µg/L	<0.2 µg/L	< 0.2 µg/L
2,3,6-Trichlorotoluene	<0.2 µg/L	<0.2 µg/L	< 0.2 µg/L
2,4,5-Trichlorotoluene	<0.2 µg/L	<0.2 µg/L	< 0.2 µg/L
2,3,4-Trichlorotoluene	<0.2 µg/L	<0.2 µg/L	< 0.2 µg/L
3,4,5-Trichlorotoluene	<0.2 µg/L	<0.2 µg/L	< 0.2 µg/L
2,4,6-Trichlorotoluene	<0.2 µg/L	<0.2 µg/L	< 0.2 µg/L
2,3,4,5-Tetrachlorotoluene	<0.2 µg/L	<0.2 µg/L	< 0.2 µg/L
2,3,4,6-Tetrachlorotoluene	<0.2 µg/L	<0.2 µg/L	< 0.2 µg/L
2,3,5,6-Tetrachlorotoluene	<0.2 µg/L	<0.2 µg/L	< 0.2 µg/L
2,3,4,5,6-Pentachlorotoluene	<0.2 µg/L	<0.2 µg/L	< 0.2 µg/L
Conclusion	PASS	PASS	

Remark:

1. Regarding the results found the symbol "<" followed by a number indicates that the concentration of the substance is less than the limit of quantification expressed by that number.
2. "<" means less than; "≤" means less than or equal to.
3. "µg/L" means micrograms per liter.

Monochlorobenzene (CAS No. 108-90-7); 1,2-Dichlorobenzene (CAS No. 95-50-1); 1,3-Dichlorobenzene (CAS No. 541-73-1); 1,4-Dichlorobenzene (CAS No. 106-46-7); 1,2,3-Trichlorobenzene (CAS No. 87-61-6); 1,2,4-Trichlorobenzene (CAS No. 120-82-1); 1,3,5-Trichlorobenzene (CAS No. 108-70-3); 1,2,3,4-Tetrachlorobenzene (CAS No. 634-66-2); 1,2,3,5-Tetrachlorobenzene (CAS No. 634-90-2); 1,2,4,5-Tetrachlorobenzene (CAS No. 95-94-3); Pentachlorobenzene (CAS No. 608-93-5); Hexachlorobenzene (CAS No. 118-74-1); 2-Chlorotoluene (CAS No. 95-49-8); 3-Chlorotoluene (CAS No. 108-41-8); 4-Chlorotoluene (CAS No. 106-43-4); 2,3-Dichlorotoluene (CAS No. 32768-54-0); 2,5-Dichlorotoluene (CAS No. 19398-61-9); 2,6-Dichlorotoluene (CAS No. 118-69-4); 2,4-Dichlorotoluene (CAS No. 95-73-8); 3,4-Dichlorotoluene (CAS No. 95-75-0); 3,5-Dichlorotoluene (CAS No. 25186-47-4); 2,3,6-Trichlorotoluene (CAS No. 2077-46-5); 2,4,5-Trichlorotoluene (CAS No. 6639-30-1); 2,3,4-Trichlorotoluene (CAS No. 7359-72-0); 3,4,5-Trichlorotoluene (CAS No. 21472-86-6); 2,4,6-Trichlorotoluene (CAS No. 23749-65-7); 2,3,4,5-Tetrachlorotoluene (CAS No. 76057-12-0); 2,3,4,6-Tetrachlorotoluene (CAS No. 875-40-1); 2,3,5,6-Tetrachlorotoluene (CAS No. 29733-70-8); 2,3,4,5,6-Pentachlorotoluene (CAS No. 877-11-2);

Test Performed: Chlorobenzenes and Chlorotoluenes Content

Test Performed: Glycols Content

Test Method : With reference to USEPA 8270, USEPA 527, USEPA 8321B Solvent extraction followed by GC/MS & LCMS

Sample Number:	D001	R001	
	Result	**Result**	**Requirements**
2-Ethoxyethylacetate (CAS No. 111-15-9)	<50.0 µg/L	<50.0 µg/L	< 50.0 µg/L
Bis-(2-methoxyethyl) ether (CAS No. 111-96-6)	<50.0 µg/L	<50.0 µg/L	< 50.0 µg/L
2-Ethoxyethanol (CAS No. 110-80-5)	<50.0 µg/L	<50.0 µg/L	< 50.0 µg/L
Ethylene glycol dimethyl ether (CAS No. 110-71-4)	<50.0 µg/L	<50.0 µg/L	< 50.0 µg/L
2-Methoxyethanol (CAS No. 109-86-4)	<50.0 µg/L	<50.0 µg/L	< 50.0 µg/L
Triethylene glycol dimethyl ether (CAS No. 112-49-2)	<50.0 µg/L	<50.0 µg/L	< 50.0 µg/L
2-Methoxyethylacetate (CAS No. 110-49-6)	<50.0 µg/L	<50.0 µg/L	< 50.0 µg/L
2-Methoxypropylacetate (CAS No. 70657-70-4)	<50.0 µg/L	<50.0 µg/L	< 50.0 µg/L
Conclusion	PASS	PASS	

Remark:
1. Regarding the results found the symbol "<" followed by a number indicates that the concentration of the substance is less than the limit of quantification expressed by that number.
2. "<" means less than; "≤" means less than or equal to.
3. "µg/L" means micrograms per liter.

Test Report

REPORT NO 1001501448

Test Performed: Organotin Compounds Content			
Test Method : With reference to ISO 17353 and following by GC-MS analysis			
Sample Number:	D001	R001	
	Result	**Result**	**Requirements**
Monobutyltin (MBT)	<0.01 µg/L	<0.01 µg/L	< 0.01 µg/L
Dibutyltin (DBT)	<0.01 µg/L	<0.01 µg/L	< 0.01 µg/L
Tributyltin (TBT)	<0.01 µg/L	<0.01 µg/L	< 0.01 µg/L
Tetrabutyltin (TeBT)	<0.01 µg/L	<0.01 µg/L	< 0.01 µg/L
Triphenyltin (TPhT)	<0.01 µg/L	<0.01 µg/L	< 0.01 µg/L
Monooctyltin (MOT)	<0.01 µg/L	<0.01 µg/L	< 0.01 µg/L
Dioctyltin (DOT)	<0.01 µg/L	<0.01 µg/L	< 0.01 µg/L
Tricyclohexyltin (TCyT)	<0.01 µg/L	<0.01 µg/L	< 0.01 µg/L
Trioctyltin (TOcT)	<0.01 µg/L	<0.01 µg/L	< 0.01 µg/L
Tributyltinoxide (TBTO)	<0.01 µg/L	<0.01 µg/L	< 0.01 µg/L
Tripropyltin (TPrT)	<0.01 µg/L	<0.01 µg/L	< 0.01 µg/L
Diphenyltin (DPhT)	<0.01 µg/L	<0.01 µg/L	< 0.01 µg/L
Dimethyltin (DMT)	<0.01 µg/L	<0.01 µg/L	< 0.01 µg/L
Trimethyltin (TMT)	<0.01 µg/L	<0.01 µg/L	< 0.01 µg/L
Tetraethyltin (TeET)	<0.01 µg/L	<0.01 µg/L	< 0.01 µg/L
Dibutyltin dichloride (DBTC)	<0.01 µg/L	<0.01 µg/L	< 0.01 µg/L
Triphenyltin(1+)	<0.01 µg/L	<0.01 µg/L	< 0.01 µg/L
Dibutyltin hydrogen borate (DBB)	<0.01 µg/L	<0.01 µg/L	< 0.01 µg/L
Conclusion	PASS	PASS	

Remark:
1. Regarding the results found the symbol "<" followed by a number indicates that the concentration of the substance is less than the limit of quantification expressed by that number.
2. "<" means less than; "≤" means less than or equal to.
3. "µg/L" means micrograms per liter.

Test Report

REPORT NO 1001501448

Test Performed: Polycyclic Aromatic Hydrocarbons (PAHs) Content			
Test Method : With reference to EPA 8270 and detection with GC-MS			
Sample Number:	D001	R001	
	Result	**Result**	**Requirements**
Acenaphthylene	<1.0 µg/L	<1.0 µg/L	< 1.0 µg/L
Acenaphthene	<1.0 µg/L	<1.0 µg/L	< 1.0 µg/L
Fluorene	<1.0 µg/L	<1.0 µg/L	< 1.0 µg/L
Phenanthrene	<1.0 µg/L	<1.0 µg/L	< 1.0 µg/L
Anthracene	<1.0 µg/L	<1.0 µg/L	< 1.0 µg/L
Fluoranthene	<1.0 µg/L	<1.0 µg/L	< 1.0 µg/L
Pyrene	<1.0 µg/L	<1.0 µg/L	< 1.0 µg/L
Naphthalene	<1.0 µg/L	<1.0 µg/L	< 1.0 µg/L
Benzo(a)anthracene	<1.0 µg/L	<1.0 µg/L	< 1.0 µg/L
Chrysene	<1.0 µg/L	<1.0 µg/L	< 1.0 µg/L
Benzo(b)fluoranthene	<1.0 µg/L	<1.0 µg/L	< 1.0 µg/L
Benzo(k)fluoranthene	<1.0 µg/L	<1.0 µg/L	< 1.0 µg/L
Benzo(a)pyrene	<1.0 µg/L	<1.0 µg/L	< 1.0 µg/L
Dibenzo(a,h)anthracene	<1.0 µg/L	<1.0 µg/L	< 1.0 µg/L
Benzo(g,h,i)perylene	<1.0 µg/L	<1.0 µg/L	< 1.0 µg/L
Indeno(123-cd)pyrene	<1.0 µg/L	<1.0 µg/L	< 1.0 µg/L
Benzo(e)pyrene	<1.0 µg/L	<1.0 µg/L	< 1.0 µg/L
Benzo(j)fluoranthene	<1.0 µg/L	<1.0 µg/L	< 1.0 µg/L
Conclusion	PASS	PASS	

Remark:

1. Regarding the results found the symbol "<" followed by a number indicates that the concentration of the substance is less than the limit of quantification expressed by that number.
2. "<" means less than; "≤" means less than or equal to.
3. "µg/L" means micrograms per liter.

Acenaphthylene (CAS No. 208-96-8); Acenaphthene (CAS No. 83-32-9); Fluorene (CAS No. 86-73-7); Phenanthrene (CAS No. 85-01-8); Anthracene (CAS No. 120-12-7); Fluoranthene (CAS No. 206-44-0); Pyrene (CAS No. 129-00-0); Naphthalene (CAS No. 91-20-3); Benzo(a)anthracene (CAS No. 56-55-3); Chrysene (CAS No. 218-01-9); Benzo(b)fluoranthene (CAS No. 205-99-2); Benzo(k)fluoranthene (CAS No. 207-08-9); Benzo(a)pyrene (CAS No. 50-32-8); Dibenzo(a,h)anthracene (CAS No. 53-70-3); Benzo(g,h,i)perylene (CAS No. 191-24-2); Indeno(123-cd)pyrene (CAS No. 193-39-5); Benzo(e)pyrene (CAS No. 192-97-2); Benzo(j)fluoranthene (CAS No. 205-82-3);

Test Report

REPORT NO 1001501448

Test Performed: Perfluorinated Compounds (PFCs) Content			
Sample Number:	D001	R001	
	Result	**Result**	**Requirements**
Perfluorohexane sulfonate (PFHxS) (CAS No 3871-99-6, 355-46-4)	<0.01 µg/L	<0.01 µg/L	< 0.01 µg/L
Perfluorooctane sulfonate (PFOS) (CAS No 1763-23-1)	<0.01 µg/L	<0.01 µg/L	< 0.01 µg/L
Perfluorohexanoate (PFHxA) (CAS No 307-24-4)	<0.01 µg/L	<0.01 µg/L	< 0.01 µg/L
Perfluorooctanoate (PFOA) (CAS No 335-67-1)	<0.01 µg/L	<0.01 µg/L	< 0.01 µg/L
1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH) (CAS No 647-42-7)	<1.00 µg/L	<1.00 µg/L	< 1.0 µg/L
1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH) (CAS No 678-39-7)	<1.00 µg/L	<1.00 µg/L	< 1.0 µg/L
Perfluorobutanesulfonate K-salt (LPFBS) (CAS No 29420-49-3)	<0.01 µg/L	<0.01 µg/L	< 0.01 µg/L
Conclusion	PASS	PASS	

Remark:
1. Regarding the results found the symbol "<" followed by a number indicates that the concentration of the substance is less than the limit of quantification expressed by that number.
2. "<" means less than; "≤" means less than or equal to.
3. "µg/L" means micrograms per liter.

Test Performed: Phthalates Content			
Sample Number:	D001	R001	
	Result	**Result**	**Requirements**
Di-iso-nonyl phthalate,DINP	<10.0 µg/L	<10.0 µg/L	< 10.0 µg/L
Di-n-octyl phthalate,DNOP	<10.0 µg/L	<10.0 µg/L	< 10.0 µg/L
Bis(2-ethylhexyl) phthalate,DEHP	<10.0 µg/L	<10.0 µg/L	< 10.0 µg/L

Test Report

REPORT NO 1001501448

Test Performed: Phthalates Content			
Diisodecyl phthalate,DIDP	<10.0 µg/L	<10.0 µg/L	< 10.0 µg/L
Dibutyl phthalate,DBP	<10.0 µg/L	<10.0 µg/L	< 10.0 µg/L
Benzyl butyl phthalate,BBP	<10.0 µg/L	<10.0 µg/L	< 10.0 µg/L
Di-iso-butyl phthalate,DIBP	<10.0 µg/L	<10.0 µg/L	< 10.0 µg/L
Bis(2-methoxyethyle) phthalate,BMEP	<10.0 µg/L	<10.0 µg/L	< 10.0 µg/L
Diethyl phthalate,DEP	<10.0 µg/L	<10.0 µg/L	< 10.0 µg/L
Di-n-propyl phthalate,DPrP	<10.0 µg/L	<10.0 µg/L	< 10.0 µg/L
Di-n-hexyl phthalate,DHP	<10.0 µg/L	<10.0 µg/L	< 10.0 µg/L
Dicyclohexyl phthalate,DCHP	<10.0 µg/L	<10.0 µg/L	< 10.0 µg/L
Dinonyl phthalate,DNP	<10.0 µg/L	<10.0 µg/L	< 10.0 µg/L
Di-iso-octyl phthalate,DIOP	<10.0 µg/L	<10.0 µg/L	< 10.0 µg/L
Di-iso-heptyl phthalate,DIHP	<10.0 µg/L	<10.0 µg/L	< 10.0 µg/L
Di- (heptyl, nonyl, undecyl) phthalate),DHNUP	<10.0 µg/L	<10.0 µg/L	< 10.0 µg/L
Conclusion	PASS	PASS	

Remark:
1. Regarding the results found the symbol "<" followed by a number indicates that the concentration of the substance is less than the limit of quantification expressed by that number.
2. "<" means less than; "≤" means less than or equal to.
3. "µg/L" means micrograms per liter.

Di-iso-nonyl phthalate,DINP (CAS No. 28553-12-0/68515-48-0); Di-n-octyl phthalate,DNOP (CAS No. 117-84-0); Bis(2-ethylhexyl) phthalate,DEHP (CAS No. 117-81-7); Diisodecyl phthalate,DIDP (CAS No. 26761-40-0/ 68515-49-0); Dibutyl phthalate,DBP (CAS No. 84-74-2); Benzyl butyl phthalate,BBP (CAS No. 85-68-7); Di-iso-butyl phthalate,DIBP (CAS No. 84-69-5); Bis(2-methoxyethyle) phthalate,BMEP (CAS No. 117-82-8); Diethyl phthalate,DEP (CAS No. 84-66-2); Di-n-propyl phthalate,DPrP (CAS No. 131-16-8); Di-n-hexyl phthalate,DHP (CAS No. 84-75-3); Dicyclohexyl phthalate,DCHP (CAS No. 84-61-7); Dinonyl phthalate,DNP (CAS No. 84-76-4); Di-iso-octyl phthalate,DIOP (CAS No. 27554-26-3); Di-iso-heptyl phthalate,DIHP (CAS No. 71888-89-6 /41451-28); Di- (heptyl, nonyl, undecyl) phthalate),DHNUP (CAS No. 68515-42-4);

Test Performed: Halogenated Solvents Content				
Test Method : Headspace GCMS at 120°C				
Sample Number:	D001	R001	I001	
	Result	**Result**	**Result**	**Requirements**
1,2-Dichloroethane	<1.0 µg/L	<1.0 µg/L	<1.0 µg/L	< 1.0 µg/L
Trichloroethylene	<1.0 µg/L	<1.0 µg/L	<1.0 µg/L	< 1.0 µg/L

Test Report

REPORT NO 1001501448

Test Performed: Halogenated Solvents Content				
Tetrachloroethylene	1.2 µg/L	<1.0 µg/L	1.5 µg/L	< 1.0 µg/L
Dichloromethane	<1.0 µg/L	<1.0 µg/L	<1.0 µg/L	< 1.0 µg/L
Conclusion	FAIL	PASS	FAIL	

Remark:
1. Regarding the results found the symbol "<" followed by a number indicates that the concentration of the substance is less than the limit of quantification expressed by that number.
2. "<" means less than; "≤" means less than or equal to.
3. "µg/L" means micrograms per liter.

1,2-Dichloroethane (CAS No. 107-06-2); Trichloroethylene (CAS No. 79-01-6); Tetrachloroethylene (CAS No. 127-18-4); Dichloromethane (CAS No. 75-09-2);

Test Performed: Volatile Organic Compounds (VOC) Content			
Test Method : Headspace GCMS			
Sample Number:	D001	R001	
	Result	**Result**	**Requirements**
Benzene	<1.0 µg/L	<1.0 µg/L	< 1.0 µg/L
Total Xylenes	<1.0 µg/L	<1.0 µg/L	< 1.0 µg/L
p-Cresol	<1.0 µg/L	81.0 µg/L	< 1.0 µg/L
m-Cresol	<1.0 µg/L	<1.0 µg/L	< 1.0 µg/L
o-Cresol	<1.0 µg/L	<1.0 µg/L	< 1.0 µg/L
Conclusion	PASS	FAIL	
Test Method : Headspace GCMS at 120°C			
Sample Number:	I001		
	Result		**Requirements**
Benzene	<1.0 µg/L		< 1.0 µg/L
Total Xylenes	<1.0 µg/L		< 1.0 µg/L
p-Cresol	<1.0 µg/L		< 1.0 µg/L
m-Cresol	<1.0 µg/L		< 1.0 µg/L
o-Cresol	<1.0 µg/L		< 1.0 µg/L
Conclusion	PASS		

Remark:
1. Regarding the results found the symbol "<" followed by a number indicates that the concentration of the substance is less than the limit of quantification expressed by that number.
2. "<" means less than; "≤" means less than or equal to.
3. "µg/L" means micrograms per liter.

Test Report

REPORT NO 1001501448

Test Performed: Volatile Organic Compounds (VOC) Content
Benzene (CAS No. 71-43-2); Total Xylenes (CAS No. 1330-20-7); p-Cresol (CAS No. 106-44-5); m-Cresol (CAS No. 108-39-4); o-Cresol (CAS No. 95-48-7);

ADDITIONAL PHOTO:

Discharged Wastewater Sampling Point

Raw Wasatewater Sampling Point

Incoming Water Sampling Point

End of Report