

# SABLE-X MODULE

## *REACH REPORT*



Last updated  
February 5, 2016

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## 1 General Information

### 1.1 Summary

The test results below show that the SaBLE-x does not contain any of the 161 chemicals that are classified by REACH as Substances of Very High Concern (SVHC).

### 1.2 Date of Test

May 06, 2015

### 1.3 Test Laboratory

The chemical testing was completed by Integrated Service Technology (IST), an independent accredited laboratory.

### 1.4 Description of Sample

This testing was performed on LSR part number 450-0144, SaBLE-x Module. This testing also applies to the 450-0119 SaBLE module.

### 1.5 Definitions

MDL = Method Detection Limit.

mg/kg = ppm.

N.D. = Not Detected. (The result is below the MDL.)

Negative = Undetectable.

GC-MS = Gas Chromatograph-Mass Spectrometer.

GC-MS/MS = Gas Chromatograph-tandem mass spectrometer.

GC-FID = Gas Chromatograph-flame ionization detector.

LC-MS/MS = Liquid Chromatograph-tandem mass spectrometer.

OM = Optical Microscope .

XRF = X-ray Fluorescence Spectrometer

FTIR = Fourier-Transform Infrared Spectrometer

ICP-OES = Inductively Coupled Plasma-Optical Emission Spectrometer.

UV-VIS = Ultraviolet-Visible Spectrophotometer.

### 1.6 Revision History

Date	ECN	Change Description	Revision
5/19/2015	104-2015	Initial Release	1.0
2/5/2016	20/2016	Updated Document Layout	1.1

Table 1 Revision History

### 1.7 Measurement Flow Chart

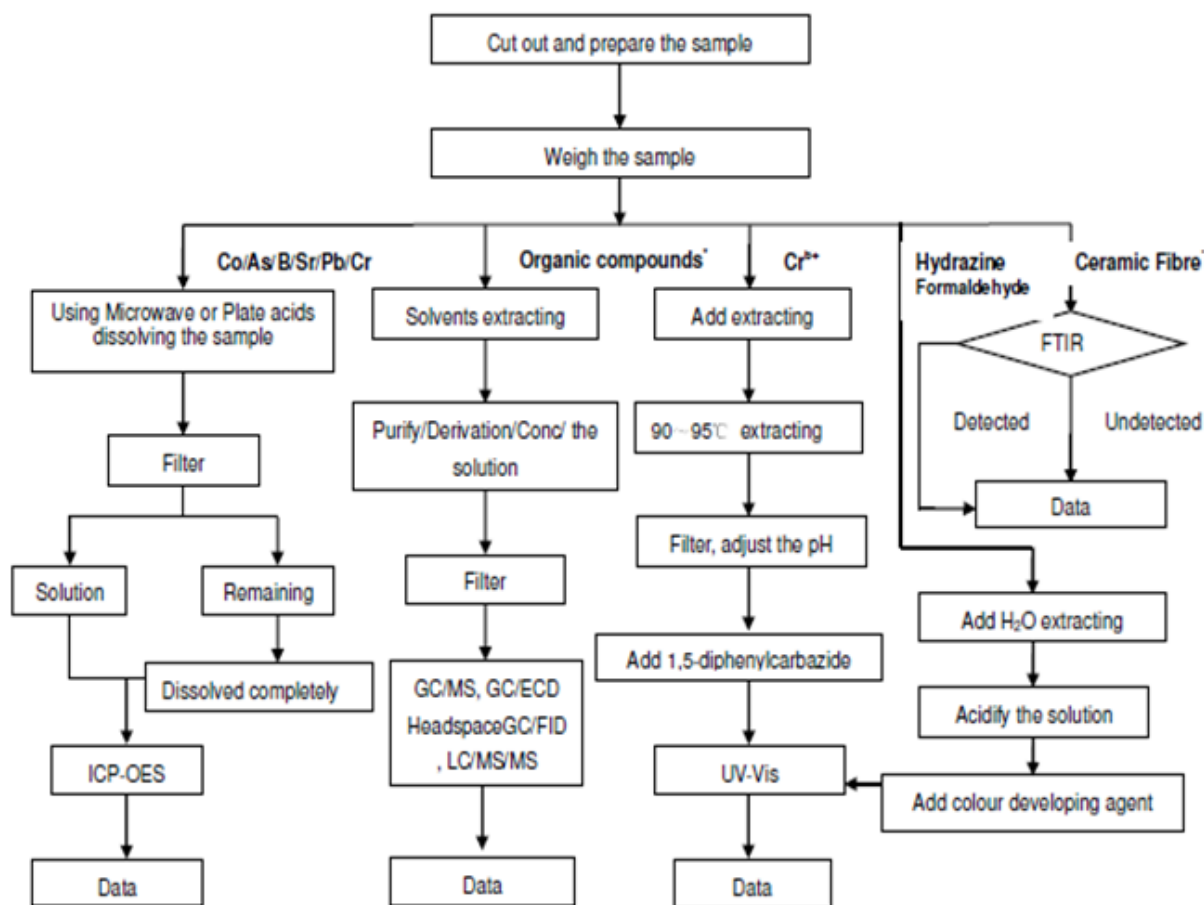


Figure 1

## 2 Chemical Analysis Results

Test Item(s)	Method	Instrument	Unit	MDL	Result
Dibutyl phthalate (DBP) (CAS NO. : 84-74-2)	Reference : US EPA 3550C:2007	GC-MS-MS	mg/kg	8	N.D.
Benzyl butyl phthalate (BBP) (CAS NO. : 85-68-7)				4	N.D.
Bis (2-ethylhexyl) phthalate (DEHP) (CAS NO. : 117-81-7)				10	N.D.
5-tert-butyl-2,4,6-trinitro- m- Xylene (Musk xylene) (CAS NO. : 000081-15-2) (CAS NO. : 81-15-2)				6	N.D.
Anthracene (CAS NO. : 120-12-7)				2	N.D.
4,4'- Diaminodiphenylmethane (MDA) (CAS NO. : 101-77-9)				5	N.D.
Hexabromocyclododecane (HBCDD)and all major diastereoisomers identified(-HBCDD,-HBCDD and -HBCDD) (CAS NO. : 25637-99-4 and 3194-55-6 (134237-50-6, 134237-51-7 and 134237-52-8))	Reference : US EPA 3550C:2007	LC-MS-MS	mg/kg	5	N.D.
Alkanes, C <sub>10-13</sub> , chloro (Short chain chlorinated paraffins) (CAS NO. : 85535-84-8)	Reference: US EPA 550C:2007	GC-MS-MS	mg/kg	10	N.D.
Bis(tributyltin)oxide (TBTO) (CAS NO.: 56-35-9)				8	N.D.
Cobalt dichloride (CAS NO. : 7646-79-9)	Reference: US EPA 3052:1996	ICP-OES	mg/kg	3	N.D.
Diarsenic pentaoxide (CAS NO. : 1303-28-2)				8	N.D.
Diarsenic trioxide (CAS NO. : 1327-53-3)				8	N.D.
Triethyl arsenate (CAS NO. : 15606-95-8)				8	N.D.
Lead hydrogen arsenate (CAS NO. : 7784-40-9)				8	N.D.
Sodium dichromate (CAS NO. : 10588-01-9)	Reference: US EPA 3052:1996/ IEC 62321	ICP-OES UV- VIS	mg/kg	2	N.D.

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Test Item(s)	Method	Instrument	Unit	MDL	Result
2, 4-Dinitrotoluene (2,4-DNT) (CAS NO. : 121-14-2)	Reference: US EPA 3550C:2007	GC-MS-MS	mg/kg	6	N.D.
Diisobuty phthalate (DIBP) (CAS NO. : 84-69-5)				8	N.D.
Tris(2-chloroethyl)phosphate (TCEP) (CAS NO. : 115-96-8)				4	N.D.
Acrylamide (CAS NO. : 79-06-1)	Reference: US EPA 3550C:2007	LC-MS-MS	mg/kg	10	N.D.
Anthracene oil (CAS NO. : 90640-80-5)	Reference: US EPA 3550C:2007	GC-MS-MS	mg/kg	3	N.D.
Anthracene oil, anthracene paste, distn. lights (CAS NO. : 91995-17-4)				3	N.D.
Anthracene oil, anthracene paste, anthracene fraction (CAS NO. : 91995-15-2)				3	N.D.
Anthracene oil, anthracene-low (CAS NO. : 90640-82-7)				3	N.D.
Anthracene oil, anthracene paste (CAS NO.: 90640-81-6)				3	N.D.
Coal tar pitch, high temperature (CAS NO. : 65996-93-2)				3	N.D.
Lead chromate (CAS NO. : 7758-97-6)	Reference: US EPA 3052: 1996/ IEC 62321	ICP-OES UV-VIS	mg/kg	2	N.D.
Lead sulfochromate yellow (C.I. Pigment Yellow 34) (CAS NO. : 1344-37-2)				2	N.D.
Lead chromate molybdate sulfate red (C.I. Pigment Red 104) (CAS NO. : 12656-85-8)				2	N.D.
Trichloroethylene (CAS No.: 79-01-6)	Reference: EPA 5021	Headspace GC	mg/kg	30	N.D.
Boric acid (CAS No.: 10043-35-3, 11113-50-1)	Reference: US EPA 3052	ICP-OES	%	0.0001	N.D.
Disodium tetraborate, anhydrous (CAS No.: 1330-43-4, 12179-04-3, 1303-96-4))				0.0001	N.D.
Tetraboron disodium heptaoxide,hydrate (CAS No.: 12267-73-1)				0.0001	N.D.

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Test Item(s)	Method	Instrument	Unit	MDL	Result
Sodium chromate (CAS No.: 7775-11-3)	Reference: US EPA 3052:1996/ IEC 62321	ICP-OES UV-VIS	mg/kg	2	N.D.
Potassium chromate (CAS No.: 7789-00-6)				2	N.D.
Ammonium dichromate (CAS No.: 7789-09-5)				2	N.D.
Potassium dichromate (CAS No.: 7778-50-9)				2	N.D.
2-Methoxyethanol (CAS No.: 109-86-4)	Reference: US EPA 3550C:2007	GC-FID	mg/kg	3	N.D.
2-Ethoxyethanol (CAS No.: 110-80-5)				3	N.D.
Cobalt(II) dinitrate (CAS No.: 10141-05-6)	Reference: US EPA 3052:1996	ICP-OES	mg/kg	3	N.D.
Cobalt(II) sulphate (CAS No.: 10124-43-3)				3	N.D.
Cobalt(II) carbonate (CAS No.: 513-79-1)				3	N.D.
Cobalt(II) diacetate (CAS No.: 71-48-7)				3	N.D.
Chromium trioxide (CAS No.: 1333-82-0)	Reference: US EPA 3052:1996/ IEC 62321	ICP-OES UV-Vis	mg/kg	2	N.D.
Acids generate from Chromium trioxide and their oligomers; Group contains: Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid (CAS No.: 7738-94-5 and 13530-68-2)				2	N.D.
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (CAS NO. : 71888-89-6)	Reference: US EPA 3550C:2007	GC-MS-MS	mg/kg	5	N.D.
Hydrazine (CAS NO. : 7803-57-8 302-01-2)	Reference: US EPA 3550C:2007	GC-FID	mg/kg	3	N.D.
2-ethoxyethyl acetate (CAS NO. :111-15-9)				5	N.D.
1,2,3-trichloropropane (CAS NO. : 96-18-4)				7	N.D.
1-methyl-2-pyrrolidone (CAS NO. : 872-50-4)				7	N.D.

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Test Item(s)	Method	Instrument	Unit	MDL	Result
strontium chromate (CAS NO. : 7789-06-2)	Reference: US EPA 3052:1996/ IEC 62321	ICP-OES UV-Vis	mg/kg	3	N.D.
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (CAS NO. :68515-42-4)	Reference: US EPA 3540C	GC-MS	mg/kg	20	N.D.
Lead dipicrate (CAS NO. :6477-64-1)	Reference: US EPA 3052:1996	ICP-OES	mg/kg	5	N.D.
Lead styphnate (CAS NO. :15245-44-0)				5	N.D.
Lead azide Lead diazide (CAS NO. : 13424-46-9)				5	N.D.
Phenolphthalein (CAS NO. :77-09-8)	Reference: US EPA 3550C:2007	LC-MS/MS	mg/kg	10	N.D.
2,2'-dichloro-4,4'-methylene dianiline (CAS NO. :101-14-4)				10	N.D.
N,N-dimethylacetamide (DMAC) (CAS NO. :127-19-5)	Reference: US EPA 3550C:2007	GC/FID	mg/kg	5	N.D.
Trilead diarsenate (CAS NO. :3687-31-8)	Reference: US EPA 3052:1996	ICP-OES	mg/kg	8	N.D.
Calcium arsenate (CAS NO. : 7778-44-1)				8	N.D.
Arsenic acid (CAS NO. : 7778-39-4)				8	N.D.
Bis(2-methoxyethyl) ether (CAS NO. : 111-96-6)	Reference: US EPA 3550C:2007	GC-FID	mg/kg	3	N.D.
1,2-Dichloroethane (CAS NO. : 107-06-2)				5	N.D.
4-(1,1,3,3-tetramethylbutyl)p henol, (4-tert-Octylphenol) (CAS NO. : 140-66-9)	Reference: US EPA 3550C:2007	GC-MS/MS	mg/kg	5	N.D.
2-Methoxyaniline; o-Anisidine (CAS NO. : 90-04-0)	Reference: US EPA 3550C:2007	GC-FID	mg/kg	5	N.D.
Bis(2-methoxyethyl) phthalate (CAS NO. : 117-82-8)	Reference: US EPA 3550C:2007	LC-MS/MS	mg/kg	10	N.D.
Formaldehyde, oligomeric reaction products with aniline (technical MDA) (CAS NO. : 25214-70-4)	Reference: GB/T 2912.1-2009	UV-VIS	mg/kg	20	N.D.
Zirconia Aluminosilicate Refractory Ceramic Fibres (CAS NO. : --)				-	Negative

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Test Item(s)	Method	Instrument	Unit	MDL	Result
Aluminosilicate Refractory Ceramic Fibres (CAS NO. : --)	-	FTIR	-	-	Negative
Pentazinc chromate octahydroxide (CAS NO. : 49663-84-5)	Reference: US EPA 3052:1996/ IEC 62321	ICP-OES UV-VIS	mg/kg	2	N.D.
Potassium hydroxyoctaoxodizincatedi – chromate (CAS NO. :11103-86-9)				2	N.D.
Dichromium tris(chromate) (CAS NO. :24613-89-6)				2	N.D.
1,2-Bis(2-methoxyethoxy) ethane; TEGDME; Triglyme (CAS No.:112-49-2)	Reference: US EPA 3550C:2007	GC/FID	mg/kg	5	N.D.
1,2-Dimethoxyethane ; Ethylene glycol dimethyl ether ; EGDME (CAS No.:110-71-4)				10	N.D.
Formamide (CAS No.:75-12-7)				5	N.D.
(1,3,5-tris(oxiranylmethyl)-1,3,5- triazine-2,4,6(1H,3H,5H)- trione) ; TGIC (CAS No.:2451-62-9)				10	N.D.
4,4'- bis(dimethylamino)benzoph enone ; Michler's ketone (CAS No.:90-94-8)	Reference: US EPA 3550C:2007	LC-MS/MS	mg/kg	10	N.D.
N,N,N',N'-tetramethyl-4,4'-methylenedianiline ; Michler's base (CAS No.:101-61-1)		GC-MS/MS	mg/kg	5	N.D.
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5- dien-1-yliden e]dimethylammonium chloride (C.I. Basic Violet 3) (CAS No.:548-62-9)	-	-	-	-	Negative
[4-[[4-anilino-1-naphthyl] [4-(dimethylamino)phenyl] methylene]cyclohexa- 2,5- dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) (CAS No.:2580-56-5)				FTIR.	-

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Test Item(s)	Method	Instrument	Unit	MDL	Result
$\alpha,\alpha$ -Bis[(dimethylamino)phenyl]-4-(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) (CAS No.:6786-83-0)				-	Negative
Diboron trioxide (CAS No.:1303-86-2)	Reference: US EPA 3052:1996.	ICP-OES	%	0.0008	N.D.
Lead(II) bis(methanesulfonate) (CAS No.:17570-76-2)			mg/kg	8	N.D.
$\beta$ -TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione) (CAS No.:59653-74-6)	Reference: US EPA 3550C:2007	GC-MS	mg/kg	100	N.D.
4,4'-bis(dimethylamino)-4'-(methylamino)trityl alcohol (CAS No.: 561-41-1)		LC-MS/MS	mg/kg	100	N.D.
Bis(pentabromophenyl) ether(decabromodiphenylether; DecaBDE) (CAS No.: 1163-19-5)	-	FTIR.	-	-	Negative
Pentacosfluorotridecanoic acid (CAS No.: 72629-94-8)				-	Negative
Tricosfluorododecanoic acid (CAS No.: 307-55-1)				-	Negative
Henicosfluorododecanoic acid (CAS No.: 2058-94-8)				-	Negative
Heptacosfluorotetradecanoic acid (CAS No.: 376-06-7)				-	Negative
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (CAS No.: 123-77-3)	Reference: US EPA 3550C:2007	GC-MS	mg/kg	100	N.D.
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated (CAS No.: -)	Reference: US EPA 3550C:2007	GC/MS/MS	mg/kg	5	N.D.
4-Nonylphenol, branched and linear (CAS No.: -)	Reference: US EPA 3550C:2007	LC/MS/MS	mg/kg	10	N.D.
Cyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA) (CAS No.: 85-42-7,13149-00-3, 14166-21-3)	Reference: US EPA 3550C:2007	LC/MS/MS	mg/kg	6	N.D.

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Test Item(s)	Method	Instrument	Unit	MDL	Result
Hexahydro-4-methylphthalic anhydride, Hexahydromethylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride (CAS No.: 25550-51-0, 19438-60-9, 48122-14-1 57110-29-9)	Reference: US EPA 3550C:2007	LC/MS/MS	mg/kg	6	N.D.
Methoxy acetic acid (CAS No.: 625-45-6)	-	FTIR	-	-	Negative
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear (CAS No.: 84777-06-0)	Reference: US EPA 3550C:2007	LC/MS/MS	-	-	Negative
Diisopentylphthalate (DIPP) (CAS No.: 605-50-5)				-	Negative
N-pentyl-isopentylphthalate (CAS No.: 776297-69-9)				-	Negative
1,2-diethoxyethane (CAS No.: 629-14-1)	Reference: US EPA 3550C:2007	GC-FID	mg/kg	10	N.D.
N,N-dimethylformamide (CAS No.: 68-12-2)			mg/kg	10	N.D.
Dibutyltin dichloride (DBTC) (CAS No.: 683-18-1)			GC/MS/MS	mg/kg	8
Furan (CAS No.: 110-00-9)	-	FTIR	-	-	Negative
Methyloxirane (Propylene oxide) (CAS No.: 75-56-9)				-	Negative
4,4'-methylenedi-o-toluidine (CAS No.: 838-88-0)	Reference: US EPA 3550C:2007	LC/MS/MS	mg/kg	10	N.D.
4,4'-oxydianiline and its salts (CAS No.: 101-80-4)			mg/kg	6	N.D.
4-aminoazobenzene (CAS No.: 60-09-3)	-	FTIR	-	-	Negative
6-methoxy-m-toluidine (p-cresidine) (CAS No.: 120-71-8)	Reference: US EPA 3550C:2007	LC/MS/MS	mg/kg	6	N.D.
o-aminoazotoluene [(4-o-tolylazo-o-toluidine)] (CAS No.: 97-56-3)	-	FTIR	-	-	Negative
N-methylacetamide (CAS No.: 79-16-3)	Reference: US EPA 3550C:2007	GC-FID	mg/kg	4	N.D.
1-bromopropane (n-propyl bromide) (CAS No.: 106-94-5)	-	FTIR	-	-	Negative
Biphenyl-4-ylamine (CAS No.: 92-67-1)	Reference: US EPA 3540C	GC-MS	mg/kg	100	N.D.

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Test Item(s)	Method	Instrument	Unit	MDL	Result
Dinoseb (6-sec-butyl-2,4-dinitrophenol) (CAS No.: 88-85-7)	Reference: 3550C:2007	GC-MS	mg/kg	100	N.D.
4-methyl-m-phenylenediamine (toluene-2,4-diamine) (CAS No.: 95-80-7)	Reference: US EPA 3540C	GC-MS	mg/kg	100	N.D.
o-toluidine (CAS No.: 95-53-4)	Reference: US EPA 3540C	GC/MS	mg/kg	100	N.D.
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine (CAS No.: 143860-04-2)	Reference: US EPA 3550C:2007	GC/MS	mg/kg	100	N.D.
Acetic acid, leadsalt, basic (CAS No.: 51404-69-4)	Reference: US EPA 3052:1996	ICP-OES	mg/kg	5	N.D.
Trilead bis(carbonate)dihydroxide (CAS No.: 1319-46-6)				5	N.D.
Lead oxide sulfate (CAS No.: 12036-76-9)				5	N.D.
[Phthalato(2-)]dioxotrilead (CAS No.: 69011-06-9)				5	N.D.
Dioxobis(stearato)trilead (CAS No.: 12578-12-0)				5	N.D.
Fatty acids, C16-18, lead salts (CAS No.: 91031-62-8)				5	N.D.
Lead bis(tetrafluoroborate) (CAS No.: 13814-96-5)				5	N.D.
Lead cyanidate (CAS No.: 20837-86-9)				5	N.D.
Lead dinitrate (CAS No.: 10099-74-8)				5	N.D.
Lead monoxide (Lead oxide) (CAS No.: 1317-36-8)				5	N.D.
Orange lead (Lead tetroxide) (CAS No.: 1314-41-6)				5	N.D.
Lead titanium trioxide (CAS No.: 12060-00-3)				5	N.D.
Lead titanium zirconium oxide (CAS No.: 12626-81-2)				5	N.D.
Pentalead tetraoxidesulphate (CAS No.: 12065-90-6)				5	N.D.
Pyrochlore, antimony lead yellow (CAS No.: 8012-00-8)				5	N.D.
Silicic acid (H <sub>2</sub> SiO <sub>5</sub> ), barium salt (1:1), lead-doped (CAS No.: 68784-75-8)				5	N.D.
Silicic acid, lead salt (CAS No.: 11120-22-2)				5	N.D.

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Test Item(s)	Method	Instrument	Unit	MDL	Result
Sulfurous acid, leadsalt, dibasic (CAS No.: 62229-08-7)				5	N.D.
Tetraethyllead (CAS No.: 78-00-2)				5	N.D.
Tetralead trioxide sulphate (CAS No.: 12202-17-4)				5	N.D.
Trilead dioxide phosphonate (CAS No.: 12141-20-7)				5	N.D.
Diethyl sulphate (CAS No.: 64-67-5)	Reference: US EPA 3540C	GC-MS	mg/kg	100	N.D.
Dimethyl sulphate (CAS No.: 77-78-1)				100	N.D.
Dipentyl phthalate (DnPP) (CAS No.: 131-18-0)	Reference: US EPA 3550C:2007	GC/MS/MS	-	-	Negative
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof] (CAS No.: --)	Reference: Journal of Water Reaource and Protection , 2010,2,818-829	LC/MS/MS	mg/kg	1	N.D.
Ammoniumpentadecafluorooctanoate (APFO) (CAS No.: 3825-26-1))	-	FTIR	-	-	Negative
Pentadecafluorooctanoic acid (PFOA) (CAS No.: 335-67-1)	-	FTIR	-	-	Negative
Cadmium (CAS No.: 7440-43-9)	Reference: US EPA 3052:1996	ICP-OES	mg/kg	8	N.D.
Cadmium oxide (CAS No.: 1306-19-0)			mg/kg	8	N.D.
Cadmium sulphide (CAS No. 1306-23-6)	Reference: US EPA 3052:1996	ICP-OES	mg/kg	8	N.D.
Lead di(acetate) (CAS No. 301-04-2)			mg/kg	5	N.D.
Dihexyl phthalate (CAS No.84-75-3)	Reference: US EPA	GC/MS/MS	-	-	Negative

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Test Item(s)	Method	Instrument	Unit	MDL	Result
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (CAS No. 573-58-0)	3550C:2007	LC/MS/MS.	-	-	Negative
Trixylyl phosphate (CAS No. 25155-23-1)		GC/FID.	-	-	Negative
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (CAS No. 1937-37-7)	-	FTIR	-	-	Negative
Imidazolidine-2-thione; 2-imidazoline-2-thiol (CAS No. 96-45-7)			-	-	Negative
Cadmium chloride (CAS No. 10108-64-2)	Reference: EPA 3050B	IPC-OES		10	N.D.
Sodium perborate; perboric acid, sodium salt (CAS No. -)				10	N.D.
Sodium peroxometaborate (CAS No. 7632-04-4)				10	N.D.
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear (CAS No. 68515-50-4)	Reference: EPA 3540C	GC-MS	mg/kg	100	N.D.
Cadmium fluoride (CAS No.: 7790-79-6)	Reference: US EPA 3050B	ICP-OES		10	N.D.
Cadmium sulphate (CAS No.: 10124-36-4; 31119-53-6)				10	N.D.
2-benzotriazol-2-yl-4,6-ditertbutylphenol (UV-320) (CAS No.: 3846-71-7)	Reference: US EPA 3550C:2007	LC-MS	mg/kg	100	N.D.
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328) (CAS No.: 25973-55-1)				100	N.D.
2-ethylhexyl10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE) (CAS No.: 15571-58-1)				100	N.D.

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Test Item(s)	Method	Instrument	Unit	MDL	Result
reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE) (CAS No.: -)	Reference: US EPA 3540C	GC-MS	mg/kg	100	N.D.

## 2.1 Notes

1. Calculated concentration of cobalt dichloride is based on the Co and Cl results.
2. Calculated concentration of diarsenic pentoxide, Diarsenic trioxide, lead hydrogen arsenate, triethyl arsenate are based on the As results.
3. Calculated concentration of sodium dichromate(dehydrate), Lead sulfochromate yellow, molybdate sulfate red, Lead chromate, Sodium chromate, Potassium chromate, Ammonium dichromate, Potassium dichromate are based on the Cr6+ results.
4. Calculated concentration of Boric acid, Disodium tetraborate(anhydrous), Tetraboron disodium heptaoxide hydrate are based on the B results.
5. Calculated concentration of Cobalt sulphate, Cobalt dinitrate, Cobalt carbonate, Cobalt diacetate are based on the total Co results.