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TEST REPORT(SVHC)

SAMPLE INFORMATION:

1. **Sample Description:** Charging cable
2. **Sample Model:** CW-01
3. **Brand Name:** Fang Hua
4. **Sample Quantity:** 2 PCS
5. **Manufacturer:** SHENZHEN FANGHUA DLP TECHNOLOGY CO., LTD.
6. **Manufacturer Address:** A201 Tianfu'an Business Building Entrepreneurship 2 Road, Baoan District, Shenzhen, China

CLIENT INFORMATION

1. **Applicant:** SHENZHEN FANGHUA DLP TECHNOLOGY CO., LTD.
2. **Applicant Address:** A201 Tianfu'an Business Building Entrepreneurship 2 Road, Baoan District, Shenzhen, China
3. **Applicant Post Code:** -----

TEST INFORMATION:

1. **Applicant No:** 170916867
2. **Test Items and Requested:** One hundred and seventy-four(174) Substances of Very High Concern (SVHC) Screening. SVHC candidate list based on the publication by European Chemicals Agency (ECHA) on 2017 July 10, regarding Regulation (EC) No 1907/2006 concerning the REACH.
3. **Date of Receipt:** Sep.19, 2017
4. **Date of Test:** Sep.19-22, 2017

REMARKS:

- 1.The test report is valid for above tested sample only and shall not be reproduced in part without written approval of the laboratory.
- 2.According to the interpretation of ECHA and the majority of EU member states on the definition of an article as well as the specified scope and analytical technique, concentrations of all SVHC are <0.1% in the submitted sample(s).
- 3.Sample State: Solid
- 4.Sample Package: Intact
- 5.Ambient Condition During Testing: 24 °C, 55% RH.

Signed for Shenzhen TOBY

Justin Zhang
Manager





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Test Sample:

Sample Description: Charging cable

Sample as received are classified as below categories:

Description
Polymers: (i.e. PVC, PET, ABS, Rubber)
Metals: (i.e. Alloy, Stainless, Aluminum)
PCBA / Composite: (i.e. PCB, IC)
Non-Metal and Non-Polymers: (i.e. Textile, Paper, Leather, Wood)
Glass / Ceramic
Others: (i.e. Chemical Substance or Preparation, Desiccant, Carbon/Ink in Cartridge)

Remark:

1. Definition of classification is listed in **Appendix A** of this report in accordance with 67/548/EEC and Regulation(EC) No.1907/2006

Test Method:

1. Acid digestion and analyzed by ICP-OES;
2. Solvent extraction and analyzed by GC/MS and GC/ECD.

Remark:

1. The chemical analysis of 174 SVHC is performed by means of currently available analytical techniques against the list published by ECHA on 2017 July 10.
(refer to) <http://echa.europa.eu/web/guest/candidate-list-table>
2. In accordance with Regulation (EC) No. 1907/2006, any producer or importer of articles shall notify ECHA, in accordance with paragraph 2 of Article 7, if a substance meets the criteria in Article 57 and is identified in accordance with Article 59(1) of the Regulation, if (a) the substance is present in those articles in quantities totaling over one tonne per producer or importer per year; and (b) the substance is present in those articles above a concentration of 0.1% weight by weight(w/w).
3. Article 33 of Regulation (EC) No. 1907/2006 requires supplier of an article containing a substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration above 0.1% weight by weight(w/w) shall provide the recipient of the article with sufficient information, available to the supplier, to allow safe use of the article including, as a minimum, the name of that substance.
4. If a SVHC is found over the reporting limit, client is suggested to identify the component which contains the SVHC and the exact concentration of the SVHC by requesting further quantitative analysis from the laboratory.

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Test result:

Substance Name	CAS number	Concentration (%)	Reporting Limit (%)	Classification
Alkanes, C10-13, chloro(Short Chain Chlorinated Paraffins)	85535-84-8	N. D.	0.05	PBT
Anthracene	120-12-7	N. D.	0.05	PBT
5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	N. D.	0.05	vPvB
Dibutyl phthalate (DBP)	84-74-2	N. D.	0.05	Endocrine disrupting properties (Article 57(f)-human health)
4,4-Diaminodiphenylmethane	101-77-9	N. D.	0.05	Carcinogen Category 2
Benzyl butyl phthalate (BBP)	85-68-7	N. D.	0.05	Endocrine disrupting properties (Article 57(f)-human health)
Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7	N. D.	0.05	Endocrine disrupting properties (Article 57(f)-human health)
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4 and 3194-55-6, (134237-51-7, 134237-50-6, 134237-52-8)	N. D.	0.05	PBT
Bis(tributyltin) oxide*	56-35-9	N. D.	0.05	PBT
Cobalt dichloride*	7646-79-9	N. D.	0.005	Carcinogen Category 2; Toxic to Reproduction Category 2
Diarsenic pentaoxide*	1303-28-2	N. D.	0.005	Carcinogen Category 1
Diarsenic trioxide*	1327-53-3	N. D.	0.005	Carcinogen Category 1
Triethyl arsenate*	15606-95-8	N. D.	0.005	Carcinogen Category

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Lead hydrogen arsenate*	7784-40-9	N. D.	0.005	Carcinogen Category 1; Toxic to Reproduction Category 1
Sodium dichromate*	10588-01-9 7789-12-0	N. D.	0.005	Carcinogen Category 2; Mutagen Category 2; Toxic to Reproduction Category 2
Lead chromate	7758-97-6	N. D.	0.005	/
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	N. D.	0.005	/
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	N. D.	0.005	/
tris(2-chloroethyl) phosphate	115-96-8	N. D.	0.05	/
Anthracene oil	90640-80-5	N. D.	0.05	/
Anthracene oil, anthracene paste, distn. Lights	91995-17-4	N. D.	0.05	/
Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	N. D.	0.05	/
Anthracene oil, anthracene-low	90640-82-7	N. D.	0.05	/
Anthracene oil, anthracene paste	90640-81-6	N. D.	0.05	/
Pitch, coal tar, high temp.	65996-93-2	N. D.	0.05	/
2,4-Dinitrotoluene	121-14-2	N. D.	0.05	/
Diisobutyl phthalate (DIBP)	84-69-5	N. D.	0.05	Endocrine disrupting properties (Article 57(f)-human health)
Acrylamide	79-06-1	N. D.	0.05	/
Boric acid	10043-35-3,	N. D.	0.005	Toxic to

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	11113-50-1			Reproduction Category 2
Disodium tetraborate, anhydrous	1330-43-4, 12179-04-3, 1303-96-4	N. D.	0.005	Toxic to Reproduction Category 2
Tetraboron disodium heptaoxide, hydrate	12267-73-1	N. D.	0.005	Toxic to Reproduction Category 2
Sodium chromate	7775-11-3	N. D.	0.005	Carcinogen Category 2 Mutagen Category 2 Toxic to Reproduction Category 2
Potassium chromate	7789-00-6	N. D.	0.005	Carcinogen Category 2 Mutagen Category 2
Ammonium dichromate	7789-09-5	N. D.	0.005	Carcinogen Category 2 Mutagen Category 2 Toxic to Reproduction Category 2
Potassium dichromate	7778-50-9	N. D.	0.005	Carcinogen Category 2 Mutagen Category 2 Toxic to Reproduction Category 2
Trichloroethylene	79-01-6	N. D.	0.05	Carcinogen Category 2
Cobalt(II) sulphate	10124-43-3	N. D.	0.005	/
Cobalt(II) dinitrate	10141-05-6	N. D.	0.005	/
Cobalt(II) carbonate	513-79-1	N. D.	0.005	/
Cobalt(II) diacetate	71-48-7	N. D.	0.005	/
Chromium trioxide	1333-82-0	N. D.	0.005	/
Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid	7738-94-5, 13530-68-2	N. D.	0.005	/
2-Methoxyethanol	109-86-4	N. D.	0.05	/
2-Ethoxyethanol	110-80-5	N. D.	0.05	/



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Strontium chromate**	7789-06-2	N. D.	0.005	/
Hydrazine	7803-57-8, 302-01-2	N. D.	0.05	/
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	N. D.	0.05	/
1-methyl-2-pyrrolidone	872-50-4	N. D.	0.05	/
2-ethoxyethyl acetate	111-15-9	N. D.	0.05	/
1,2,3-trichloropropane	96-18-4	N. D.	0.05	/
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	N. D.	0.05	/
Dichromium tris (chromate)	24613-89-6	N. D.	0.005	Carcinogen Category 2
Potassium hydroxyoctaoxodizincate di-chromate	11103-86-9	N. D.	0.005	Carcinogen Category 2
octahydroxide	49663-84-5	N. D.	0.005	Carcinogen Category 2
Aluminosilicate Refractory Ceramic Fibres	650-017-00-8	N. D.	0.005	Carcinogen Category 2
Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)	650-017-00-8	N. D.	0.005	Carcinogen Category 2
Formaldehyde, oligomeric reaction products with Aniline	25214-70-4	N. D.	0.05	Carcinogen Category 2
Bis(2-methoxyethyl) phthalat	117-82-8	N. D.	0.05	Toxic to Reproduction Category 2
2-Methoxyaniline; o-Anisidine	90-04-0	N. D.	0.05	Carcinogen Category 2
4-(1,1,3,3-tetramethylb utyl)phenol, (4-tert-Octylphenol)	140-66-9	N. D.	0.05	Equivalent concern
1,2-Dichloroethane, 2-	107-06-2	N. D.	0.05	Carcinogen Category 2

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Bis(2-methoxyethyl) ether	111-96-6	N. D.	0.05	Toxic to Reproduction Category 2
Arsenic acid	7778-39-4	N. D.	0.005	Carcinogen Category 2
Calcium arsenate	7778-44-1	N. D.	0.005	Carcinogen Category 2
Trilead diarsenate	3687-31-8	N. D.	0.005	Toxic to Reproduction Category 1 Carcinogen Category 2
N,N-dimethylacetamideN, N-	127-19-5	N. D.	0.05	Toxic to Reproduction Category 2
Phenolphthalein	77-09-8	N. D.	0.05	Carcinogen Category 2
2,2'-dichloro-4,4'-methylenedianiline (MOCA) 4,4	101-14-4	N. D.	0.05	Carcinogen Category 2
Lead diazide	13424-46-9	N. D.	0.005	Toxic to Reproduction Category 2
Lead styphnate2,4,6-	15245-44-0	N. D.	0.005	Toxic to Reproduction Category 2
Lead dipicrate	6477-64-1	N. D.	0.005	Toxic to Reproduction Category 2
1,2-bis(2-methoxyethoxy) ethane	112-49-2	N. D.	0.05	Toxic to Reproduction Category 2
1,2-dimethoxyethane; ethylene glycol dimethyl ether	110-71-4	N. D.	0.05	Toxic to Reproduction Category 2
Diboron trioxide ***	1303-86-2	N. D.	0.005	Toxic to Reproduction Category 2
Formamide	75-12-7	N. D.	0.05	Mutagen Category 2
Lead (II) bis(methanesulfonate)	17570-76-2	N. D.	0.005	Toxic to Reproduction

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				Category 2
TGIC (1, 3, 5-tris (oxiranylmethyl)-1, 3, 5-triazine-2, -4, -6-(1H, 3H, 5H)-trione)	2451-62-9	N. D.	0. 05	Mutagen Category 2
β -TGIC (1, 3, 5- tris {(2S and 2R)-2, 3-epoxypropyl}-1, 3, 5-triazine-2, 4, 6-(1H, 2H, 5H)-trione)	59653-74-6	N. D.	0. 05	Mutagen Category 2
4, 4'-bis(dimethylamino) benzophenone (Michler's ketone)	90-94-8	N. D.	0. 05	Carcinogen Category 2
Tetramethyl-4, 4'-methylenedianiline (Michler's base)	101-61-1	N. D.	0. 05	Carcinogen Category 2
{4-{4, 4'-bis(dimethylamino) benzhydrylidene} cyclohexa-2, 5-dien-1-yl idene} dimethylammonium chloride (C.I. Basic Violet 3)	548-62-9	N. D.	0. 05	Carcinogen Category 2
4-{{4-anilino-1-naphthyl} {4-(dimethylamino) phenyl} methylene} dimethylammonium chloride (C.I. Basic Blue 26)	2580-56-5	N. D.	0. 05	Carcinogen Category 2
α , α -Bis {4-(dimethylamino) phenyl}-4(phenylamino) naphthalene-1-methanol (C. I. Solvent Blue 4)	6786-83-0	N. D.	0. 05	Carcinogen Category 2
4, 4'-bis(dimethylamino) -4''-(methylamino) trityl alcohol	561-41-1	N. D.	0. 05	Carcinogen Category 2
Pyrochlore, antimony lead yellow	8012-00-8	N. D.	0. 005	Toxic for reproduction (Article 57 c)
6-methoxy-m-toluidine	120-71-8	N. D.	0. 05	Carcinogenic

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(p-cresidine)				(Article 57a)
Henicosafluoroundecanoic acid	2058-94-8	N. D.	0.05	vPvB (Article 57e)
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans-stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	N. D.	0.05	Equivalent level of concern having probable serious effects to human health (Article 57f)
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans-[3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	85-42-7, 13149-00-3, 14166-21-3	N. D.	0.05	Equivalent level of concern having probable serious effects to human health (Article 57f)
Dibutyltin dichloride (DBTC)	683-18-1	N. D.	0.05	Toxic for reproduction (Article 57c)
Lead bis (tetrafluoroborate)	13814-96-5	N. D.	0.005	Toxic for reproduction (Article 57c)
Lead dinitrate	10099-74-8	N. D.	0.005	Toxic for reproduction

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				(Article 57c)
Silicic acid, lead salt	11120-22-2	N. D.	0.005	Toxic for reproduction (Article 57c)
4-Aminoazobenzene	60-09-3	N. D.	0.05	Carcinogenic (Article 57a)
Lead titanium zirconium oxide	12626-81-2	N. D.	0.005	Toxic for reproduction (Article 57c)
Lead monoxide (lead oxide)	1317-36-8	N. D.	0.005	Toxic for reproduction (Article 57 c)
o-Toluidine	95-53-4	N. D.	0.05	Carcinogenic (Article 57a)
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	N. D.	0.05	Toxic for reproduction (Article 57c)
Silicic acid (H ₂ SiO ₂), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	68784-75-8	N. D.	0.005	Toxic for reproduction (Article 57c)
Trilead bis(carbonate) dihydroxide	1319-46-6	N. D.	0.005	Toxic for reproduction (Article 57c)
Furan	110-00-9	N. D.	0.05	Carcinogenic (Article 57a)
N,N-dimethylformamide	68-12-2	N. D.	0.05	Toxic for reproduction (Article 57c)

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4-(1,1,3,3-tetramethylbutyl) phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	-----	N. D.	0.05	Equivalent level of concern having probable serious effects to the environment (Article 57f)
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	-----	N. D.	0.05	Equivalent level of concern having probable serious effects to the environment (Article 57f)
4,4'-methylenedi-o-toluidine	838-88-0	N. D.	0.05	Carcinogenic (Article 57a)
Diethyl sulphate	64-67-5	N. D.	0.05	Carcinogenic (Article 57a); Mutagenic (Article 57b)
Dimethyl sulphate	77-78-1	N. D.	0.05	Carcinogenic (Article 57a)
Lead oxide sulfate	12036-76-9	N. D.	0.005	Toxic for reproduction (Article 57c)
Lead titanium trioxide	12060-00-3	N. D.	0.005	Toxic for reproduction (Article 57c)
Acetic acid, lead salt, basic	51404-69-4	N. D.	0.005	Toxic for reproduction (Article 57c)
[Phthalato(2-)]dioxotri lead	69011-06-9	N. D.	0.005	Toxic for reproduction (Article 57c)
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	N. D.	0.05	PBT (Article 57d); vPvB (Article 57e)

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N-methylacetamide	79-16-3	N. D.	0.05	Toxic for reproduction (Article 57c)
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	N. D.	0.05	Toxic for reproduction (Article 57c)
1,2-Diethoxyethane	629-14-1	N. D.	0.05	Toxic for reproduction (Article 57c)
Tetralead trioxide sulphate	12202-17-4	N. D.	0.005	Toxic for reproduction (Article 57c)
N-pentyl-isopentyl phthalate	776297-69-9	N. D.	0.05	Toxic for reproduction (Article 57c)
Dioxobis(stearato)trilead	12578-12-0	N. D.	0.005	Toxic for reproduction (Article 57c)
Tetraethyllead	78-00-2	N. D.	0.005	Toxic for reproduction (Article 57c)
Pentalead tetraoxide sulphate	12065-90-6	N. D.	0.005	Toxic for reproduction (Article 57c)
Pentacosafuorotridecanoic acid	72629-94-8	N. D.	0.05	vPvB (Article 57e)
Tricosafuorododecanoic acid	307-55-1	N. D.	0.05	vPvB (Article 57e)
Heptacosafuorotetradecanoic acid	376-06-7	N. D.	0.05	vPvB (Article 57e)
1-bromopropane (n-propyl bromide)	106-94-5	N. D.	0.05	Toxic for reproduction (Article 57c)
Methoxyacetic acid	625-45-6	N. D.	0.05	Toxic for reproduction (Article 57c)
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	N. D.	0.05	Carcinogenic (Article 57a)
Methyloxirane (Propylene oxide)	75-56-9	N. D.	0.05	Carcinogenic (Article 57a); Mutagenic

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				(Article 57b)
Trilead dioxide phosphonate	12141-20-7	N. D.	0.005	Toxic for reproduction (Article 57 c)
O-aminoazotoluene	97-56-3	N. D.	0.05	Carcinogenic (Article 57a)
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	N. D.	0.05	Toxic for reproduction (Article 57c)
4,4'-oxydianiline and its salts	101-80-4	N. D.	0.05	Carcinogenic (Article 57a); Mutagenic (Article 57b)
Orange lead (lead tetroxide)	1314-41-6	N. D.	0.005	Toxic for reproduction (Article 57c)
Biphenyl-4-ylamine	92-67-1	N. D.	0.05	Carcinogenic (Article 57a)
Diisopentyl phthalate	605-50-5	N. D.	0.05	Toxic for reproduction (Article 57 c)
Fatty acids, C16-18, lead salts	91031-62-8	N. D.	0.005	Toxic for reproduction (Article 57 c)
Diazene-1,2-dicarboxamide (C, C'-azodi(formamide))	123-77-3	N. D.	0.05	Equivalent level of concern having probable serious effects to human health (Article 57f)
Sulfurous acid, lead salt, dibasic	62229-08-7	N. D.	0.005	Toxic for reproduction (Article 57c)
Lead cyanamidate	20837-86-9	N. D.	0.005	Toxic for reproduction (Article 57c)
Cadmium	7440-43-9	N. D.	0.005	Carcinogenic (Article 57a) Equivalent level of concern having

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				probable serious effects to human health (Article 57f)
Cadmium oxide	1306-19-0	N. D.	0.05	Carcinogenic (Article 57a) Equivalent level of concern having probable serious effects to human health (Article 57f)
Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	N. D.	0.05	Toxic for reproduction (Article 57c); PBT
Pentadecafluorooctanoic acid (PFOA)	335-67-1	N. D.	0.05	Toxic for reproduction (Article 57c); PBT
Dipentyl phthalate(DPP)	131-18-0	N. D.	0.05	Toxic for reproduction (Article 57c)
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]	-----	N. D.	0.05	Equivalent level of concern having probable serious effects to the environment (Article 57f)
Cadmium sulphide	1306-23-6	N. D.	0.005	Carcinogenic (Article 57a); Equivalent level of

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				concern having probable serious effects to human health (Article 57f)
C.I. Direct Black 38	1937-37-7	N. D.	0.05	Carcinogenic (Article 57a);
Dihexyl phthalate	84-75-3	N. D.	0.05	Toxic for reproduction (Article 57c)
Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	N. D.	0.05	Toxic for reproduction (Article 57c)
Trixylyl phosphate	25155-23-1	N. D.	0.05	Toxic for reproduction (Article 57c)
C.I. Direct Red 28	573-58-0	N. D.	0.05	Carcinogenic (Article 57a);
Lead di(acetate)	301-04-2	N. D.	0.005	Toxic for reproduction (Article 57c)
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	N. D.	0.05	Toxic for reproduction (Article 57c)
Cadmium chloride	10108-64-2	N. D.	0.005	Carcinogenic (Article 57a); Mutagenic (Article 57(b)); Toxic for Reproduction (Article 57c); Equivalent level of concern having probable serious effects to human health (Article 57f)
Sodium peroxometaborate	7632-04-4	N. D.	0.005	Toxic for reproduction (Article 57c)
Sodium perborate; perboric acid, sodium salt	-----	N. D.	0.005	Toxic for reproduction (Article 57c)

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Cadmium sulphate	10124-36-4, 31119-53-6	N. D.	0.005	Carcinogenic (Article 57a); Mutagenic (Article 57b); Toxic for reproduction (Article 57c); Equivalent level of concern having probable serious effects to human health (Article 57f)
Cadmium fluoride	7790-79-6	N. D.	0.005	Carcinogenic (Article 57a); Mutagenic (Article 57b); Toxic for reproduction (Article 57c); Equivalent level of concern having probable serious effects to human health (Article 57f)
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylpheno 1 (UV-328)	25973-55-1	N. D.	0.05	PBT (Article 57d); vPvB (Article 57e)
2-benzotriazol-2-yl-4, 6-di-tert-butylphenol (UV-320)	3846-71-7	N. D.	0.05	PBT (Article 57d); vPvB (Article 57e)
2-ethylhexyl 10-ethyl-4,4-dioctyl-7- oxo-8-oxa-3,5-dithia-4- stannatetradecanoate (DOTE)	15571-58-1	N. D.	0.05	Toxic for reproduction (Article 57c)
reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7- oxo-8-oxa-3,5-dithia-4- stannatetradecanoate	-----	N. D.	0.05	Toxic for reproduction (Article 57c)

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and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl] thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannat etradecanoate (reaction mass of DOTE and MOTE)				
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5)	68515-51-5, 68648-93-1	N. D.	0.05	Toxic for reproduction (Article 57c)
5-sec-butyl-2-(2,4-dime thylcyclohex-3-en-1-yl) -5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dime thylcyclohex-3-en-1-yl) -5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	-----	N. D.	0.05	vPvB (Article 57e)
1,3-propanesultone	1120-71-4	N. D.	0.05	Carcinogenic (Article 57a)
2,4-di-tert-butyl-6-(5- chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	N. D.	0.05	vPvB (Article 57 e)
2-(2H-benzotriazol-2-yl) -4-(tert-butyl)-6-(sec -butyl)phenol (UV-350)	36437-37-3	N. D.	0.05	vPvB (Article 57e)
Nitrobenzene	98-95-3	N. D.	0.05	Toxic for reproduction (Article 57c)
Perfluorononan-1-oic-ac id and its sodium and ammonium salts	375-95-1, 21049-39-8, 4149-60-4	N. D.	0.05	Toxic for reproduction (Article 57c)

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				PBT (Article 57d)
Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	N. D.	0.05	Carcinogenic (Article 57a) Mutagenic (Article 57b) Toxic for reproduction (Article 57c) PBT (Article 57d) vPvB (Article 57e)
4,4'-isopropylidenediph enol (bisphenol A; BPA)	80-05-7	N. D.	0.05	Endocrine disrupting properties (Article 57(f)-human health)
nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	335-76-2	N. D.	0.05	PBT (Article 57d)
4-heptylphenol, branched and linear (4-HPb1)	-----	N. D.	0.05	Equivalent level of concern having probable serious effects to human health (Article 57f)
4-tert-pentylphenol (PTAP)	80-46-6	N. D.	0.05	Equivalent level of concern having probable serious effects to human health (Article 57f)
Perfluorohexane-1-sulfo nic acid and its salts (PFHxS)	-----	N. D.	0.05	vPvB (Article 57e)

Remark:

1*. Calculated concentration of cobalt dichloride is based on the identified cobalt by ICP-OES and the identified chloride by IC method.

Calculated concentration of diarsenic pentaoxide, diarsenic trioxide, lead hydrogen arsenate and triethyl arsenate are based on the identified heavy metal result (i.e. Arsenic, Lead)

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Calculated concentrations of sodium dichromate are based on the identified sodium by ICP-OES and the identified chromium (VI) by spectroscopic method. The test result is reported as sodium dichromate (CAS number 10588-01-9). Please note that sodium dichromate dehydrate (CAS number 7789-12-0) is no longer classified as SVHC according to the latest amendment of 67/548/EEC (31th Adaption to Technical progress).

Calculated concentration of bis (tributyltin) oxide TBT0 is based on the identified tin by ICP-OES and confirmed by TLC.

Identity of above metal substances present in the article has to be further confirmed.

RL is evaluated for element (i.e. tin, cobalt, chloride, arsenic, lead, sodium, chromium (VI) respectively)

2. N.D. = Not detected (lower than Reporting Limit)

3. RL = Reporting Limit

4. All RL is based on homogenous material

For any parameters involving confirmation test, the RL will be 0.05%

5. In case SVHC <0.1% for articles "No further obligations regarding communication along the supply chain or notification emerge from the analytical findings in the tested sample"

In case SVHC >0.1% for articles "Further obligations regarding communication along the supply chain or notification may emerge from the analytical findings in the tested sample".

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Appearance Photo of Sample



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Appendix A:

Classification	Definition under 67/548/EEC and Regulation (EC) No.1907/2006
Carcinogen Category 1:	Substances known to be carcinogenic to man. There is sufficient evidence to establish a causal association between human exposure to a substance and the development of cancer.
Carcinogen Category 2:	Substances which should be regarded as if they are carcinogenic to man. There is sufficient evidence to provide a strong presumption that human exposure to a substance may result in the development of cancer. Generally on the basis of: -appropriate long-term animal studies -other relevant information.
Mutagen Category 1:	Substances known to be mutagenic to man. There is sufficient evidence to establish a causal association between human exposure to a substance and heritable genetic damage.
Mutagen Category 2:	Substances which should be regarded as if they are mutagenic to man. There is sufficient evidence to provide a strong presumption that human exposure to the substance may result in the development of heritable genetic damage, generally on the basis of: - appropriate animal studies - other relevant information.
Toxic to Reproduction Category 1:	Substances known to impair fertility in humans. There is sufficient evidence to establish a causal relationship between human exposure to the substance and impaired fertility. Substances known to cause developmental toxicity in humans. There is sufficient evidence to establish a causal relationship between human exposure to the substance and subsequent development toxic effects in the progeny.
Toxic to Reproduction Category 2:	Substances which should be regarded as if they impair fertility in humans. There is sufficient evidence to provide a strong presumption that human exposure to the substance may result in impaired fertility on the basis of: - clear evidence in animal studies of impaired fertility in the absence of toxic effects, or, evidence of impaired fertility occurring at around the same dose levels as other toxic effects but which is not a secondary nonspecific consequence of the other toxic effects - other relevant information. Substances which should be regarded as if they cause development toxicity to humans.



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	There is sufficient evidence to provide a strong presumption that human exposure to the substance may result in developmental toxicity, generally on the basis of: - clear results in appropriate animal studies where effects have been observed in the absence of signs of marked maternal toxicity, or at around the same dose levels as other toxic effects but which are not a secondary non-specific consequence of the other toxic effects, - Other relevant information.
PBT & vPvB	Substances which are persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) pose a particular challenge to the chemicals safety management. For these substances a “safe” concentration in the environment cannot be established with sufficient reliability.

***** (END OF REPORT) *****