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**SGS**

## Test Report (SVHC)

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The following sample(s) was/were submitted and identified by/on behalf of the applicant as :

Sample Submitted By :  
Sample Description :  
Style/Item No. :  
Sample Receiving Date : 2014/06/10  
Testing Period : 2014/06/10 TO 2014/06/18 AND 2014/12/18 TO 2015/01/07

=====  
**Test Requested** : 161 Substances of Very High Concern (SVHC) screening. SVHC candidate list based on the publication by European Chemicals Agency (ECHA) on 2014 December 17, regarding Regulation (EC) No 1907/2006 concerning the REACH.  
**Test Method** : Please refer to next page(s).  
**Test Result(s)** : Please refer to next page(s).  
**Summary** : 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).

\* This report is added testing and combined with CC/2014/60057 \*

Edison  
SGS  
ing/Sr. Supervisor  
Signed for and on





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Substance Name	RL (%)	Concentration of Article (%)	Classification
Cobalt dichloride (CAS No.: 7646-79-9)	0.005	n.d.	CC 1B; TRC 1B
Diarsenic pentaoxide*** (CAS No.: 1303-28-2)	-	n.d.	CC 1A
Diarsenic trioxide*** (CAS No.: 1327-53-3)	-	n.d.	CC 1A
Triethyl arsenate*** (CAS No.: 15606-95-8)	-	n.d.	CC 1A
Lead hydrogen arsenate*** (CAS No.: 7784-40-9) (*1)	-	n.d.	CC 1A; TRC 1A
Sodium chromate*** (CAS No.: 7775-11-3)	-	n.d.	CC 1B; MC 1B; TRC 1B
Ammonium dichromate*** (CAS No.: 7789-09-5)	-	n.d.	CC 1B; MC 1B; TRC 1B
Potassium dichromate*** (CAS No.: 7778-50-9)	-	n.d.	CC 1B; MC 1B; TRC 1B
Potassium chromate*** (CAS No.: 7789-00-6)	-	n.d.	CC 1B; MC 1B
Sodium dichromate*** (CAS No.: 10588-01-9, 7789-12-0(*))	-	n.d.	CC 1B; MC 1B; TRC 1B
Chromium trioxide*** (CAS No.: 1333-82-0)	-	n.d.	CC 1A; MC 1B
Acids generated from chromium trioxide and their oligomers: Chromic acid*** (CAS No.: 7738-94-5)	-	n.d.	CC 1B
Acids generated from chromium trioxide and their oligomers: Dichromic acid*** (CAS No.: 13530-68-2)	-	n.d.	CC 1B
Acids generated from chromium trioxide and their oligomers: Oligomers of chromic acid and dichromic acid (* 1)	-	n.d.	CC 1B
Strontium chromate*** (CAS No.: 7789-06-2)	-	n.d.	CC 1B
Anthracene oil (CAS No.: 90640-80-5) (**)	0.05	n.d.	PBT; vPvB; CC 1B
Anthracene oil, anthracene paste, distn. Lights (CAS No.: 91995-17-4) (**)	0.05	n.d.	PBT; vPvB; CC 1B; MC 1B
Anthracene oil, anthracene paste, anthracene fraction (CAS No.: 91995-15-2) (**)	0.05	n.d.	PBT; vPvB; CC 1B; MC 1B
Anthracene oil, anthracene-low (CAS No.: 90640-82-7) (**)	0.05	n.d.	PBT; vPvB; CC 1B; MC 1B
Anthracene oil, anthracene paste (CAS No.: 90640-81-6) (**)	0.05	n.d.	PBT; vPvB; CC 1B; MC 1B
Pitch, coal tar, high-temp. (CAS No.: 65996-93-2) (**)	0.05	n.d.	PBT; vPvB; CC 1B
DIBP (Di-isobutyl phthalate) (CAS No.: 84-69-5)	0.05	n.d.	TRC 1B
2,4-Dinitrotoluene (CAS No.: 121-14-2)	0.05	n.d.	CC 1B
Tris(2-chloroethyl) phosphate (TCEP) (CAS No.: 115-96-8)	0.05	n.d.	TRC 1B
Lead chromate*** (CAS No.: 7758-97-6) (*5)	-	n.d.	CC 1B; TRC 1A



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Substance Name	RL (%)	Concentration of Article (%)	Classification
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)*** (CAS No.: 12656-85-8) (※5)	-	n.d.	CC 1B; TRC 1A
Lead sulfochromate yellow (C.I. Pigment Yellow 34)*** (CAS No.: 1344-37-2) (※5)	-	n.d.	CC 1B; TRC 1A
Acrylamide (CAS No.: 79-06-1)	0.05	n.d.	CC 1B; MC 1B
Boric acid*** (CAS No.: 10043-35-3; 11113-50-1)	-	n.d.	TRC 1B
Disodium tetraborate, anhydrous*** (CAS No.: 1303-96-4, 1330-43-4, 12179-04-3)	-	n.d.	TRC 1B
Tetraboron disodium heptaoxide, hydrate (CAS No.: 12267-73-1) (*2)	-	n.d.	TRC 1B
Trichloroethylene (CAS No.: 79-01-6)	0.05	n.d.	CC 1B
Cobalt(II) sulphate*** (CAS No.: 10124-43-3)	-	n.d.	CC 1B; TRC 1B
Cobalt(II) dinitrate*** (CAS No.: 10141-05-6)	-	n.d.	CC 1B; TRC 1B
Cobalt(II) carbonate*** (CAS No.: 513-79-1)	-	n.d.	CC 1B; TRC 1B
Cobalt(II) diacetate*** (CAS No.: 71-48-7)	-	n.d.	CC 1B; TRC 1B
2-Methoxyethanol (CAS No.: 109-86-4)	0.05	n.d.	TRC 1B
2-Ethoxyethanol (CAS No.: 110-80-5)	0.05	n.d.	TRC 1B
2-ethoxyethyl acetate (CAS No.: 111-15-9)	0.05	n.d.	TRC 1B
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP) (CAS No.: 68515-42-4)	0.05	n.d.	TRC 1B
Hydrazine (CAS No.: 7803-57-8; 302-01-2)	0.05	n.d.	CC 1B
1-methyl-2-pyrrolidone (CAS No.: 872-50-4)	0.05	n.d.	TRC 1B
1,2,3-trichloropropane (CAS No.: 96-18-4)	0.05	n.d.	CC 1B; TRC 1B
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP) (CAS No.: 71888-89-6)	0.05	n.d.	TRC 1B
Arsenic acid*** (CAS No.: 7778-39-4)	-	n.d.	CC 1A
Calcium arsenate*** (CAS No.: 7778-44-1)	-	n.d.	CC 1A
Trilead diarsenate*** (CAS No.: 3687-31-8) (※1)	-	n.d.	CC 1A; TRC 1A
Lead diazide, Lead azide*** (CAS No.: 13424-46-9)	-	n.d.	TRC 1A
Lead styphnate*** (CAS No.: 15245-44-0)	-	n.d.	TRC 1A
Lead dipicrate*** (CAS No.: 6477-64-1)	-	n.d.	TRC 1A



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Substance Name	RL (%)	Concentration of Article (%)	Classification
Dichromium tris (chromate)*** (CAS No.: 24613-89-6)	-	n.d.	CC 1B
Potassium hydroxyoctaoxodizincatedi- chromate*** (CAS No.: 11103-86-9)	-	n.d.	CC 1A
Pentazinc chromate octahydroxide*** (CAS No.: 49663-84-5)	-	n.d.	CC 1A
Formaldehyde, oligomeric reaction products with aniline (technical MDA) (CAS No.: 25214-70-4)	0.05	n.d.	CC 1B
Bis(2-methoxyethyl) phthalate (CAS No.: 117-82-8)	0.05	n.d.	TRC 1B
2-Methoxyaniline; o-Anisidine (CAS No.: 90-04-0)	0.05	n.d.	CC 1B
4-(1,1,3,3-tetramethylbutyl) phenol, (4-tert-Octylphenol) (CAS No.: 140-66-9)	0.05	n.d.	EQC
1,2-Dichloroethane (CAS No.: 107-06-2)	0.05	n.d.	CC 1B
Bis(2-methoxyethyl) ether (CAS No.: 111-96-6)	0.05	n.d.	TRC 1B
N,N-dimethylacetamide (DMAC) (CAS No.: 127-19-5)	0.05	n.d.	TRC 1B
2,2'-dichloro- 4,4'-methylenedianiline (MOCA) (CAS No.: 101-14-4)	0.05	n.d.	CC 1B
Phenolphthalein (CAS No.: 77-09-8)	0.05	n.d.	CC 1B
Aluminosilicate, Refractory Ceramic Fibres 【oxides of aluminium and silicon are the main components present (in the fibres) within variable concentration ranges】	0.05	n.d.	CC 1B
Zirconia Aluminosilicate, Refractory Ceramic Fibres 【oxides of aluminium, silicon and zirconium are the main components present (in the fibres) within variable concentration ranges】	0.05	n.d.	CC 1B
1,2-bis (2-methoxyethoxy) ethane (TEGDME; triglyme) (CAS No.: 112-49-2)	0.05	n.d.	TRC 1B
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME) (CAS No.: 110-71-4)	0.05	n.d.	TRC 1B
Formamide (CAS No.: 75-12-7)	0.05	n.d.	TRC 1B
Lead(II) bis(methanesulfonate)*** (CAS No.: 17570-76-2)	-	n.d.	TRC 1B
TGIC (1,3,5-tris(oxiranylmethyl)- 1,3,5-triazine-2,4,6 (1H,3H,5H)-trione) (CAS No.: 2451-62-9)	0.05	n.d.	MC 1B
β-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) (※3)	0.05	n.d.	MC 1B

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Substance Name	RL (%)	Concentration of Article (%)	Classification
4,4'-bis (dimethylamino) benzophenone (Michler's ketone) (CAS No.: 90-94-8)	0.05	n.d.	CC 1B
N,N,N',N'-tetramethyl- 4,4'-methylenedianiline (Michler's base) (CAS No.: 101-61-1)	0.05	n.d.	CC 1B
[4-[4,4'-bis(dimethylamino) benzhydrylidene] cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Violet 3) (CAS No.: 548-62-9) [with ≥ 0.1% of Michler's ketone or Michler's base]	0.05	n.d.	CC 1B
[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) [with ≥ 0.1% of Michler's ketone or Michler's base]	0.05	n.d.	CC 1B
α,α-Bis[4-(dimethylamino) phenyl]-4 (phenylamino) naphthalene-1-methanol (C.I. Solvent Blue 4) (CAS No.: 6786-83-0) [with ≥ 0.1% of Michler's ketone or Michler's base]	0.05	n.d.	CC 1B
Diboron trioxide*** (CAS No.: 1303-86-2)	-	n.d.	TRC 1B
4,4'-bis (dimethylamino)-4''-(methylamino) trityl alcohol (CAS No.: 561-41-1) [with ≥ 0.1% of Michler's ketone or Michler's base]	0.05	n.d.	CC 1B
Bis(pentabromophenyl) ether (DecaBDE) (CAS No.: 1163-19-5)	0.05	n.d.	PBT
Pentacosafuorotridecanoic acid (CAS No.: 72629-94-8)	0.05	n.d.	PBT
Tricosafuorododecanoic acid (CAS No.: 307-55-1)	0.05	n.d.	PBT
Henicosafuoroundecanoic acid (CAS No.: 2058-94-8)	0.05	n.d.	PBT
Heptacosafuorotetradecanoic acid (CAS No.: 376-06-7)	0.05	n.d.	PBT
4-(1,1,3,3-tetramethylbutyl) phenol, ethoxylated- covering well-defined substances and UVCB substances, polymers and homologues	0.05	n.d.	EQC
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	0.05	n.d.	EQC
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (CAS No.: 123-77-3)	0.05	n.d.	EQC
Cyclohexane-1,2-dicarboxylic anhydride (HHPA), cis-cyclohexane-1,2-dicarboxylic anhydride, trans-cyclohexane-1,2- dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA) (CAS No.: 85-42-7, 13149-00-3, 14166-21-3)	0.05	n.d.	EQC



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Substance Name	RL (%)	Concentration of Article (%)	Classification
Hexahydromethylphthalic anhydride (CAS No.: 25550-51-0)	0.05	n.d.	EQC
Hexahydro-4-methylphthalic anhydride (CAS No.: 19438-60-9)			
Hexahydro-1-methylphthalic anhydride (CAS No.: 48122-14-1)			
Hexahydro-3-methylphthalic anhydride (CAS No.: 57110-29-9)			
Methoxy acetic acid (CAS No.: 625-45-6)	0.05	n.d.	TRC 1B
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear (CAS No.: 84777-06-0)	0.05	n.d.	TRC 1B
Diisopentylphthalate (CAS No.: 605-50-5)	0.05	n.d.	TRC 1B
N-pentyl-isopentylphthalate (CAS No.: 776297-69-9)	0.05	n.d.	TRC 1B
1,2-Diethoxyethane (CAS No.: 629-14-1)	0.05	n.d.	TRC 1B
N,N-dimethylformamide; dimethyl formamide (CAS No.: 68-12-2)	0.05	n.d.	TRC 1B
Dibutyltin dichloride (DBTC) (CAS No.: 683-18-1)	0.05	n.d.	TRC 1B
Acetic acid, lead salt, basic*** (CAS No.: 51404-69-4)	-	n.d.	TRC 1A
Trilead bis(carbonate) dihydroxide (basic lead carbonate)*** (CAS No.: 1319-46-6)	-	n.d.	TRC 1A
Lead oxide sulfate*** (CAS No.: 12036-76-9)	-	n.d.	TRC 1A
[Phthalato(2-)] dioxotrilead*** (CAS No.: 69011-06-9)	-	n.d.	TRC 1A
Dioxobis(stearato) trilead*** (CAS No.: 12578-12-0)	-	n.d.	TRC 1A
Fatty acids, C16-18, lead salts*** (CAS No.: 91031-62-8)	-	n.d.	TRC 1A
Lead cyanamidate*** (CAS No.: 20837-86-9)	-	n.d.	TRC 1A
Lead dinitrate*** (CAS No.: 10099-74-8)	-	n.d.	TRC 1A
Lead oxide (lead monoxide)*** (CAS No.: 1317-36-8)	-	n.d.	TRC 1A
Lead tetroxide (orange lead)*** (CAS No.: 1314-41-6)	-	n.d.	TRC 1A
Pentalead tetraoxide sulphate*** (CAS No.: 12065-90-6)	-	n.d.	TRC 1A
Silicic acid, lead salt*** (CAS No.: 11120-22-2)	-	n.d.	TRC 1A
Sulfurous acid, lead salt, dibasic*** (CAS No.: 62229-08-7)	-	n.d.	TRC 1A
Tetraethyllead*** (CAS No.: 78-00-2)	-	n.d.	TRC 1A
Tetralead trioxide sulphate*** (CAS No.: 12202-17-4)	-	n.d.	TRC 1A
Lead bis(tetrafluoroborate)*** (CAS No.: 13814-96-5)	-	n.d.	TRC 1A
Lead titanium trioxide*** (CAS No.: 12060-00-3)	-	n.d.	TRC 1A
Lead Titanium Zirconium Oxide*** (CAS No.: 12626-81-2)	-	n.d.	TRC 1A
Pyrochlore, antimony lead yellow*** (CAS No.: 8012-00-8)	-	n.d.	TRC 1A



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Trilead dioxide phosphonate*** (CAS No.: 12141-20-7)	-	n.d.	TRC 1A
Silicic acid, barium salt, lead-doped (※4) (CAS No.: 68784-75-8)	0.05	n.d.	TRC 1A
Furan (CAS No.: 110-00-9)	0.05	n.d.	CC 1B
Propylene oxide; 1,2-epoxypropane; methyloxirane (CAS No.: 75-56-9)	0.05	n.d.	CC 1B; MC 1B
Diethyl sulphate (CAS No.: 64-67-5)	0.05	n.d.	CC 1B; MC 1B
Dimethyl sulphate (CAS No.: 77-78-1)	0.05	n.d.	CC 1B
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine (CAS No.: 143860-04-2)	0.05	n.d.	TRC 1B
Dinoseb (CAS No.: 88-85-7)	0.05	n.d.	TRC 1B
4,4'-methylenedi-o-toluidine (CAS No.: 838-88-0)	0.05	n.d.	CC 1B
4,4'-oxydianiline and its salts (CAS No.: 101-80-4)	0.05	n.d.	CC 1B; MC 1B
4-Aminoazobenzene; 4-Phenylazoaniline (CAS No.: 60-09-3)	0.05	n.d.	CC 1B
4-methyl-m-phenylenediamine (2,4-toluenediamine) (CAS No.: 95-80-7)	0.05	n.d.	CC 1B
6-methoxy-m-toluidine (p-cresidine) (CAS No.: 120-71-8)	0.05	n.d.	CC 1B
Biphenyl-4-ylamine (CAS No.: 92-67-1)	0.05	n.d.	CC 1A
o-aminoazotoluene (CAS No.: 97-56-3)	0.05	n.d.	CC 1B
o-Toluidine; 2-Aminotoluene (CAS No.: 95-53-4)	0.05	n.d.	CC 1B
N-methylacetamide (CAS No.: 79-16-3)	0.05	n.d.	TRC 1B
1-bromopropane (CAS No.: 106-94-5)	0.05	n.d.	TRC 1B
Pentadecafluorooctanoic acid (PFOA) (CAS No.: 335-67-1)	0.05	n.d.	TRC 1B & PBT
Ammoniumpentadecafluorooctanoate (APFO)*** (CAS No.: 3825-26-1)	-	n.d.	TRC 1B & PBT
Cadmium (Cd) (CAS No.: 7440-43-9)	0.005	n.d.	CC 1B & EQC
Cadmium oxide*** (CAS No.: 1306-19-0)	-	n.d.	CC 1B & EQC
DPP (Di-pentyl phthalate) (CAS No.: 131-18-0)	0.05	n.d.	TRC 1B
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]	0.05	n.d.	EQC
Dihexyl phthalate (CAS No.: 84-75-3)	0.05	n.d.	TRC 1B
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28) (CAS No.: 573-58-0)	0.05	n.d.	CC 1B





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Substance Name	RL (%)	Concentration of Article (%)	Classification
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38) (CAS No.: 1937-37-7)	0.05	n.d.	CC 1B
Imidazolidine-2-thione; 2-imidazoline-2-thiol (CAS No.: 96-45-7)	0.05	n.d.	TRC 1B
Trixylyl phosphate (CAS No.: 25155-23-1)	0.05	n.d.	TRC 1B
Cadmium sulphide*** (CAS No.: 1306-23-6)	-	n.d.	CC 1B & EQC
Lead di(acetate)*** (CAS No.: 301-04-2)	-	n.d.	TRC 1A
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear (CAS No.: 68515-50-4)	0.05	n.d.	TRC 1B
Cadmium chloride*** (CAS No.: 10108-64-2)	-	n.d.	CC 1B; MC 1B; TRC 1B; EQC
Sodium perborate; perboric acid, sodium salt***	-	n.d.	TRC 1B
Sodium peroxometaborate*** (CAS No.: 7632-04-4)	-	n.d.	TRC 1B
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328) (CAS No.: 25973-55-1)	0.05	n.d.	vPvB & PBT
2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320) (CAS No.: 3846-71-7)	0.05	n.d.	vPvB & PBT
Cadmium fluoride*** (CAS No.: 7790-79-6)	-	n.d.	CC 1B; MC 1B; TRC 1B; EQC
Cadmium sulphate*** (CAS No.: 10124-36-4; 31119-53-6)	-	n.d.	CC 1B; MC 1B; TRC 1B; EQC
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)*** (CAS No.: 15571-58-1)	-	n.d.	TRC 1B
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)***	-	n.d.	TRC 1B

**Note :**

1. mg/kg = ppm; 0.1wt% = 1000ppm
2. n.d.= not detected = below Reporting Limit
3. RL = Reporting Limit



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4. " - " = Not Regulated
5. (\*): conc. of Sodium dichromate dihydrate (CAS No.: 7789-12-0) = conc. of sodium dichromate  $\times$  1.1374
6. (\*\*): The concentrations of above-mentioned mixtures are evaluated per the gained composition rate between the selected marks and the mixtures.
7. (\* 1): Oligomers of chromic acid and dichromic acid : since the oligomers are made of the unknown amount of chromic acid or dichromic acid that results in no fixed molecular weight, therefore the monomer of chromic acid or dichromic acid is relevant and considered.
8. (\* 2): Tetraboron disodium heptaoxide, hydrate: Only anhydrous form of disodium tetraborate is relevant and considered according to ECHA explanation (Ref no.: INC 000000032519).
9. F Parameter Conversion Table : Please refer to [http://twap.sgs.com/sgsrsts/chn/download-REACH\\_tw.asp](http://twap.sgs.com/sgsrsts/chn/download-REACH_tw.asp)
10. Classification : Please refer to [http://twap.sgs.com/sgsrsts/chn/download-REACH\\_tw.asp](http://twap.sgs.com/sgsrsts/chn/download-REACH_tw.asp)
11. \*\*\*: The substance was calculated by the test results of MonoctylTin, Dioctyl Tin, Tributyl Tin, PFOA or element (Ex. Arsenic, Lead, Cr(VI), Boron, Cobalt, Barium, Cadmium respectively).

### The test result is given as:

Substance Name	RL (%)	Concentration of Article (%)
Tributyl Tin (TBT)	0.05	n.d.
Arsenic (As) (※2)	0.005	n.d.
Lead (Pb)	0.005	n.d.
Hexavalent Chromium Cr(VI)	0.005	n.d.
Boron (B) (※2)	0.005	n.d.
Cobalt (Co)	0.005	n.d.
Dioctyl Tin (DOT)	0.05	n.d.
MonoctylTin (MOT)	0.05	n.d.

12. (※1): Regarding the compound containing arsenic and lead, lead and arsenic are tested and respectively used for the calculation of the independent concentration of the compound containing arsenic and lead. The minimum value of the two independently calculated concentrations is used as the final concentration for the report.
13. (※2): The extracted soluble Boron / Arsenic are detected by ICP-AES.
14. (※3): TGIC is a mixture and also contains  $\beta$ -TGIC. According to the ECHA's technical dossier the ratio of  $\beta$ -TGIC to TGIC is around 1 to 10. Therefore  $\beta$ -TGIC is issued based on the above-mentioned ratio.



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15. (※4): Only if both qualitative results of lead and silicon are positive, the test result of the compound will be calculated based on the concentration of barium.
16. (※5): Regarding the compound containing Cr(VI) and lead, lead and Cr(VI) are tested and respectively used for the calculation of the independent concentration of the compound containing Cr(VI) and lead. The minimum value of the two independently calculated concentrations is used as the final concentration for the report.



# Test Report (SVHC)

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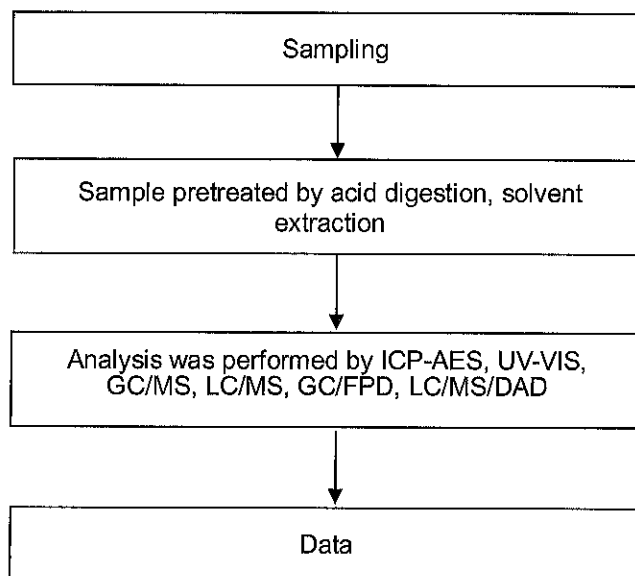
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### Analytical flow chart of SVHC

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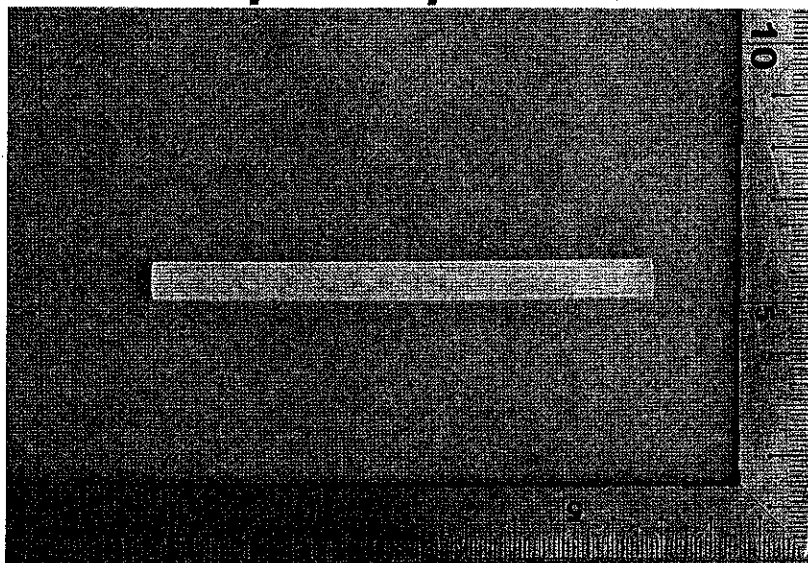
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\* The tested sample / part is marked by an arrow if it's shown on the photo. \*

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\*\* End of Report \*\*