

Client Name:

CANEC23000566306

FOSHAN BLUE ROCKET ELECTRONICS CO.,LTD.

Client Address: NO.45 GUXIN ROAD, CHANCHENG DISTRICT, FOSHAN, GUANGDONG, P.R.C CHINA

Sample Name: SMA Semiconductor Device (Solder Bonding)

Model No.: SMA

Client Ref. Information: SMB, MBS, SMBF, SMAF, MBF, ABS, GBJ, UMSB, GBU, KBP, TO-252, SMC,

UMB, ABF

The above sample(s) and information were provided by the client.

SGS Job No.: CP23-008619 Sample Receiving Date: Mar 02, 2023

Testing Period: Mar 02, 2023 ~ Mar 08, 2023

No.:

Test Requested: As requested by client, SVHC screening is performed according to:

(i) Two hundred and thirty-three (233) substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) on and before Jan 17, 2023 regarding

Date: Mar 16, 2023

Regulation (EC) No 1907/2006 concerning the REACH.

(ii) One (1) potential Substances of Very High Concern (SVHC) in the

notification of WTO on Jun 1, 2021.

(iii) Two (2) substances in the Public Consultation List of potential Substances of Very High Concern (SVHC) published by European Chemicals Agency (ECHA) on and before Feb 17, 2023 regarding Regulation (EC) No 1907/2006

concerning the REACH.

Test Method(s): Please refer to next page(s).

Test Result(s): Please refer to next page(s).

Summary:

According to the specified scope and evaluation screening, the test results of SVHC are > 0.1% (w/w) in the submitted sample. See Test Result ID 001.

See remark 2 for obligation under REACH

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Signed for and on behalf of

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Zm Guan

Approved Signatory

Luguan





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The test results of SVHC over 0.1% (w/w) in the articles of the submitted sample summary

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Test Result ID	Description	Substance Name	CAS No.	Concentration(%)
001	"SMA Semiconductor Device (Solder Bonding)"	Lead	7439-92-1	1.838



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Remark:

 The chemical analysis of specified SVHC is performed by means of currently available analytical techniques against the following SVHC related documents published by ECHA:

http://echa.europa.eu/web/guest/candidate-list-table

These lists are under evaluation by ECHA and may subject to change in the future.

2. REACH obligation:

2.1 Concerning article(s):

Communication:

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 in the Candidate List.

Notification:

In accordance with Regulation (EC) No 1907/2006, any EU producer or importer of articles shall notify ECHA, in accordance with paragraph 4 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 in the Candidate List is present in those articles in quantities totaling over one tonne per producer or importer per year; and (b) the substance in the Candidate List is present in those articles above a concentration of 0.1% weight by weight (w/w).

SGS adopts the ruling of the Court of Justice of the European Union on the definition of an article under REACH unless indicated otherwise. Detail explanation is available at the following link: http://www.sgs.com/-/media/global/documents/technical-documents/technical-bulletins/sgs-crs-position-statement-on-svhc-in-articles-a4-en-16-06.pdf?la=en

2.2 Concerning material(s):

Test results in this report are based on the tested sample. This report refers to testing result of tested sample submitted as homogenous material(s). In case such material is being used to compose an article, the results indicated in this report may not represent SVHC concentration in such article. If this report refers to testing result of composite material group by equal weight proportion, the material in each composite test group may come from more than one article.

If the sample is a substance or mixture, and it directly exports to EU, client has the obligation to comply with the supply chain communication obligation under Article 31 of Regulation (EC) No. 1907/2006 and the conditions of Authorization of substance of very high concern included in the Annex XIV of the Regulation (EC) No. 1907/2006.

2.3 Concerning substance and preparation:

If a SVHC is found over 0.1% (w/w) and/or the specific concentration limit which is set in Regulation (EC) No 1272/2008 and its amendments, client is suggested to prepare a Safety Data Sheet (SDS) against the SVHC to comply with the supply chain communication obligation under Regulation (EC) No 1907/2006, in which:

- a substance that is classified as hazardous under the CLP Regulation (EC) No 1272/2008.
- a mixture that is classified as hazardous under the CLP Regulation (EC) No 1272/2008, when it contains a substance with concentration equal to, or greater than the classification limit as set in Regulation (EC) No. 1272/2008; or
- a mixture is not classified as hazardous under the CLP Regulation (EC) No 1272/2008, but contains either:



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- (a) a substance posing human health or environmental hazards in an individual concentration of ≥ 1 % by weight for mixtures that are solid or liquids (i.e., non-gaseous mixtures) or ≥ 0.2 % by volume for gaseous mixtures; or
- (b) a substance that is PBT, or vPvB in an individual concentration of ≥ 0.1 % by weight for mixtures that are solid or liquids (i.e., non-gaseous mixtures); or
- (c) a substance on the SVHC candidate list (for reasons other than those listed above), in an individual concentration of ≥ 0.1 % by weight for non-gaseous mixtures; or
- (d) a substance for which there are Europe-wide workplace exposure limits
- 3. If a SVHC is found over the reporting limit, client is suggested to identify the composite component which contains the SVHC and the exact concentration of the SVHC by requesting further quantitative analysis from the laboratory.

Test Sample:

Testing Group:

Test Result ID	Description	Test Part ID	SGS Sample ID
001	"SMA Semiconductor Device	A4	CAN23-0005663-
001	(Solder Bonding)"	A4	0001.C004

Test Method:

With reference to SGS In-House method, analysis was performed by ICP-OES, UV-VIS, GC-MS, HPLC-DAD/MS and Colorimetric Method.



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Test Results: (Substances in the Candidate List of SVHC)

Batch	Substance Name	CAS No.	001 Concentration (%)	RL (%)
VIII	Lead cyanamidate*	20837-86-9	NA^	0.005
VIII	Lead dinitrate*	10099-74-8	NA^	0.005
VIII	Lead monoxide*	1317-36-8	NA^	0.005
VIII	Lead oxide sulfate*	12036-76-9	NA^	0.005
VIII	Lead tetroxide (orange lead)*	1314-41-6	NA^	0.005
VIII	Lead titanium trioxide*	12060-00-3	NA^	0.005
VIII	Lead titanium zirconium oxide*	12626-81-2	NA^	0.005
VIII	Sulfurous acid, lead salt, dibasic*	62229-08-7	NA^	0.005
VIII	Tetralead trioxide sulphate*	12202-17-4	NA^	0.005
VIII	Trilead bis(carbonate)dihydroxide (basic lead carbonate)*	1319-46-6	NA^	0.005
Χ	Lead di(acetate)*	301-04-2	NA^	0.005
XIX	Lead	7439-92-1	1.838	0.005
-	Other tested SVHC in Candidate list	-	ND	_

Test Results: (Potential SVHC)

Batch	Substance Name	CAS No.	001 Concentration (%)	RL (%)
/	All tested Potential SVHC	-	ND	-

Notes:

- (1) The table above only shows detected SVHC, and SVHC that below RL are not reported. Please refer to Appendix for the full list of tested SVHC.
- (2) RL = Reporting Limit (Test data will be shown if it ≥ RL. RL is not regulatory limit.) ND = Not detected (lower than RL), ND is denoted on the SVHC substance.
- (3) * The test result is based on the calculation of selected element(s) and to the worst-case scenario.

 ** The test result is based on the calculation of selected marker(s) and to the worst-case scenario.

 Calculated concentration of boric compounds are based on water extractive boron detected by ICP-OES.

 Calculated concentration of Barium diboron tetraoxide is based on water extractive boron and barium detected by ICP-OES.
 - RL = 0.005% is evaluated for element (i.e. cobalt, arsenic, lead, chromium (VI), aluminum, zirconium, boron, strontium, zinc, antimony, titanium, barium, cadmium respectively), except molybdenum RL=0.0005%, boron RL=0.0025% (only for Lead bis(tetrafluoroborate)), fluorine RL=0.050%.
- (4) § The substance is proposed for the identification as SVHC only where it contains Michler's ketone (CAS Number: 90-94-8) or Michler's base (CAS Number: 101-61-1) ≥0.1% (w/w).
- (5) / = Potential SVHC
- (6) NA^ = Upon further test verification on the specific detected elements or substances of SVHC and also information provided from client, the possibility that the elements or substances content originate from SVHC is very unlikely, even though their presence cannot be exclude entirely. It may be assumed that the detected elements or substances have a non-SVHC source.
- (7) Results & photo(s) of this report refer to test report CANEC23000566305.

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (*w*=0) stated in ILAC-G8:09/2019.



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Appendix

Full list of tested SVHC:

		CASNo	DI (0/)
INO.		CAS NO.	RL (%)
1	Diaminodiphenylmethane(MDA)	101-77-9	0.050
2	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	0.050
3	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	0.050
4	Anthracene	120-12-7	0.050
5	Benzyl butyl phthalate (BBP)	85-68-7	0.050
6	Bis(2-ethylhexyl)phthalate (DEHP)	117-81-7	0.050
7	Bis(tributyltin)oxide (TBTO)	56-35-9	0.050
8	Cobalt dichloride*	7646-79-9	0.005
9	Diarsenic pentaoxide*	1303-28-2	0.005
10	Diarsenic trioxide*	1327-53-3	0.005
11	Dibutyl phthalate (DBP)	84-74-2	0.050
12	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α- HBCDD, β-HBCDD, γ-HBCDD)	-	0.050
13	Lead hydrogen arsenate*	7784-40-9	0.005
14	Sodium dichromate*	10588-01-9 /7789-12-0	0.005
15	Triethyl arsenate*		0.005
16	2,4-Dinitrotoluene	121-14-2	0.050
17	Acrylamide	79-06-1	0.050
18	Anthracene oil**	90640-80-5	0.050
19	Anthracene oil, anthracene paste**	90640-81-6	0.050
20	Anthracene oil, anthracene paste, anthracene fraction**	91995-15-2	0.050
21	Anthracene oil, anthracene paste, distn. Lights**	91995-17-4	0.050
22	Anthracene oil, anthracene-low**	90640-82-7	0.050
23	Diisobutyl phthalate	84-69-5	0.050
24	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)*	12656-85-8	0.005
25	Lead chromate*	7758-97-6	0.005
26	Lead sulfochromate yellow (C.I. Pigment Yellow 34)*	1344-37-2	0.005
27	Pitch, coal tar, high temp. **	65996-93-2	0.050
28	Tris(2-chloroethyl)phosphate	115-96-8	0.050
29	Ammonium dichromate*	7789-09-5	0.005
30	Boric acid*	-	0.005
31	Disodium tetraborate, anhydrous*	12179-04-3 /1303-96-4 /1330-43-4	0.005
32	Potassium chromate*	7789-00-6	0.005
33	Potassium dichromate*	7778-50-9	0.005
	No. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32	1 Diaminodiphenylmethane(MDA) 2 5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene) 3 Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) 4 Anthracene 5 Benzyl butyl phthalate (BBP) 6 Bis(2-ethylhexyl)phthalate (DEHP) 7 Bis(tributyltin)oxide (TBTO) 8 Cobalt dichloride* 9 Diarsenic pentaoxide* 10 Diarsenic trioxide* 11 Dibutyl phthalate (DBP) 12 Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α-HBCDD, β-HBCDD, γ-HBCDD) 13 Lead hydrogen arsenate* 14 Sodium dichromate* 15 Triethyl arsenate* 16 2,4-Dinitrotoluene 17 Acrylamide 18 Anthracene oil, anthracene paste, anthracene oil, anthracene paste, anthracene fraction** 20 Anthracene oil, anthracene paste, distn. Lights** 21 Anthracene oil, anthracene-low** 22 Anthracene oil, anthracene-low** 23 Diisobutyl phthalate 24 Lead chromate molybdate sulphate red (C.I. Pigment Red 104)* 25 Lead chromate molybdate sulphate red (C.I. Pigment Red 104)* 26 Lead sulfochromate yellow (C.I. Pigment Yellow 34)* 27 Pitch, coal tar, high temp. ** 28 Tris(2-chloroethyl)phosphate 29 Ammonium dichromate* 30 Boric acid* 31 Disodium tetraborate, anhydrous*	No. Substance Name 4,4'- 101-77-9



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Batch	No.	Substance Name	CAS No.	RL (%)
III	34	Sodium chromate*	7775-11-3	0.005
III	35	Tetraboron disodium heptaoxide, hydrate*	12267-73-1	0.005
III	36	Trichloroethylene	79-01-6	0.050
IV	37	2-Ethoxyethanol	110-80-5	0.050
IV	38	2-Methoxyethanol	109-86-4	0.050
IV	39	Chromic acid, Oligomers of chromic acid and dichromic acid, Dichromic acid*	-	0.005
IV	40	Chromium trioxide*	1333-82-0	0.005
IV	41	Cobalt(II) carbonate*	513-79-1	0.005
IV	42	Cobalt(II) diacetate*	71-48-7	0.005
IV	43	Cobalt(II) dinitrate*	10141-05-6	0.005
IV	44	Cobalt(II) sulphate*	10124-43-3	0.005
V	45	1,2,3-trichloropropane	96-18-4	0.050
V	46	1,2-Benzenedicarboxylic acid, di- C6-8-branched alkyl esters, C7-rich	71888-89-6	0.050
V	47	1,2-Benzenedicarboxylic acid, di- C7-11-branched and linear alkyl esters	68515-42-4	0.050
V	48	1-methyl-2-pyrrolidone	872-50-4	0.050
V	49	2-ethoxyethyl acetate	111-15-9	0.050
V	50	Hydrazine	302-01-2 /7803-57-8	0.050
V	51	strontium chromate*	7789-06-2	0.005
VI	52	1,2-Dichloroethane	107-06-2	0.050
VI	53	2,2'-dichloro-4,4'- methylenedianiline	101-14-4	0.050
VI	54	2-Methoxyaniline; o-Anisidine	90-04-0	0.050
VI	55	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9	0.050
VI	56	Aluminosilicate Refractory Ceramic Fibres*	-	0.005
VI	57	Arsenic acid*	7778-39-4	0.005
VI	58	Bis(2-methoxyethyl) ether	111-96-6	0.050
VI	59	Bis(2-methoxyethyl) phthalate	117-82-8	0.050
VI	60	Calcium arsenate*	7778-44-1	0.005
VI	61	Dichromium tris(chromate)*	24613-89-6	0.005
VI	62	Formaldehyde, oligomeric reaction products with aniline	25214-70-4	0.050
VI	63	Lead diazide, Lead azide*	13424-46-9	0.005
VI	64	Lead dipicrate*	6477-64-1	0.005
VI	65	Lead styphnate*	15245-44-0	0.005
VI	66	N,N-dimethylacetamide	127-19-5	0.050
VI	67	Pentazinc chromate octahydroxide*	49663-84-5	0.005
VI	68	Phenolphthalein	77-09-8	0.050
VI	69	Potassium hydroxyoctaoxodizincatedichromat e*	11103-86-9	0.005



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Batch	No.	Substance Name	CAS No.	RL (%)
VI	70	Trilead diarsenate*	3687-31-8	0.005
VI	71	Zirconia Aluminosilicate Refractory Ceramic Fibres*	-	0.005
VII	72	[4-[[4-anilino-1-naphthyl][4- (dimethylamino)phenyl]methylene]c yclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)§	2580-56-5	0.050
VII	73	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5- dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) §	548-62-9	0.050
VII	74	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	0.050
VII	75	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	0.050
VII	76	4,4'-bis(dimethylamino) benzophenone (Michler's Ketone)	90-94-8	0.050
VII	77	4,4'-bis(dimethylamino)-4"- (methylamino)trityl alcohol§	561-41-1	0.050
VII	78	Diboron trioxide*	1303-86-2	0.005
VII	79	Formamide	75-12-7	0.050
VII	80	Lead(II) bis(methanesulfonate)*	17570-76-2	0.005
VII	81	N,N,N',N'-tetramethyl-4,4'- methylenedianiline (Michler's base)	101-61-1	0.050
VII	82	TGIC (1,3,5-tris(oxiranylmethyl)- 1,3,5-triazine-2,4,6(1H,3H,5H)- trione)	2451-62-9	0.050
VII	83	α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1- methanol (C.I. Solvent Blue 4) §	6786-83-0	0.050
VII	84	β-TGIC (1,3,5-tris[(2S and 2R)-2,3- epoxypropyl]-1,3,5-triazine-2,4,6- (1H,3H,5H)-trione)	59653-74-6	0.050
VIII	85	[Phthalato(2-)]dioxotrilead*	69011-06-9	0.005
VIII	86	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	0.050
VIII	87	1,2-Diethoxyethane	629-14-1	0.050
VIII	88	1-Bromopropane	106-94-5	0.050
VIII	89	3-Ethyl-2-methyl-2-(3-methylbutyl)- 1,3-oxazolidine	143860-04-2	0.050
VIII	90	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated	-	0.050
VIII	91	4,4'-Methylenedi-o-toluidine	838-88-0	0.050
VIII	92	4,4'-Oxydianiline and its salts	101-80-4	0.050
VIII	93	4-Aminoazobenzene	60-09-3	0.050
VIII	94	4-Methyl-m-phenylenediamine	95-80-7	0.050
VIII	95	4-Nonylphenol, branched and linear	-	0.050



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No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 中国・广东・广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86–20) 82155555 t (86–20) 82155555



VIII 96 6-Methoxy-m-toluidine 120-71-8 0.05 VIII 97 Acetic acid, lead salt, basic* 51404-69-4 0.00 VIII 98 Biphenyl-4-ylamine 92-67-1 0.05 VIII 99 Decabromodiphenyl ether (DecaBDE) 1163-19-5 0.05 Cyclohexane-1,2-dicarboxylic anhydride, cis-cyclohexane-1,2-dicarboxylic anhydride 123-77-3 0.05 VIII 100 Diazene-1,2-dicarboxylic anhydride 123-77-3 0.05 VIII 101 Diazene-1,2-dicarboxylic anhydride 123-77-3 0.05 VIII 102 Dibutyltin dichloride (DBTC) 683-18-1 0.05 VIII 103 Diethyl sulphate 64-67-5 0.05 VIII 104 Disopentylphthalate 605-50-5 0.05 VIII 105 Dimethyl sulphate 77-78-1 0.05 VIII 106 Dinoseb 88-85-7 0.05 VIII 107 Dioxobis(stearato)trilead* 12578-12-0 0.00 VIII 108 Fatty acids, C16-18, lead salts* 91031-62-8 0.00 VIII 109 Furan 110-00-9 0.05 VIII 110 Henicosafluoroundecanoic acid 2058-94-8 0.05 VIII 111 Heptacosafluoroundecanoic acid 376-06-7 0.05 VIII 112 methylphthalic anhydride, Hexahydro-4- methylphthalic anhydride, Hexahydro-3- methylphthalic anhydride, Hexahydro-3- methylphthalic anhydride, Hexahydro-3- methylphthalic anhydride, Hexahydro-4- methylphthalic anhydride, Hexahydro-3- methylphthalic anhydride, Hexahydro-4- methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3- methylphthalic anhydride, Hexahydro-4- methylphthalic anhydride, Hexahydro-3- methylphthalic anhydride, Hexahydro-3- methylphthalic anhydride, Hexahydro-4- methylphthalic anhydride, Hexahydro-3- methylphthalic anhydride, Hexahydro-	Datab	NI.	O Latarra Nama	OAON	DI (0()
VIII 97 Acetic acid, lead salt, basic* 51404-69-4 0.00 VIII 98 Biphenyl-4-ylamine 92-67-1 0.05 VIII 99 Decabromodiphenyl ether (DecaBDE) 1163-19-5 0.05 VIII 100 Cyclohexane-1,2-dicarboxylic anhydride, transcyclohexane-1,2-dicarboxylic anhydride - 0.05 VIII 101 Diazene-1,2-dicarboxamide (C,C'-azodif(formamide)) 123-77-3 0.05 VIII 102 Dibutyltin dichloride (DBTC) 683-18-1 0.05 VIII 103 Diethyl sulphate 64-67-5 0.05 VIII 104 Diisospentylphthalate 605-50-5 0.05 VIII 105 Dimethyl sulphate 77-78-1 0.05 VIII 106 Disospentylphthalate 77-78-1 0.05 VIII 107 Dioxobis(stearato)trilead* 12578-12-0 0.00 VIII 108 Fatty acids, C16-18, lead salts* 91031-62-8 0.05 VIII 109 Furan 110-00-9 0.05					RL (%)
VIII 98 Biphenyl-4-ylamine 92-67-1 0.05 VIII 99 Decabromodiphenyl ether (DecaBDE) 1163-19-5 0.05 VIII 100 Cyclohexane-1,2-dicarboxylic anhydride, trans-cyclohexane-1,2-dicarboxylic anhydride anhydride - 0.05 VIII 101 Diazene-1,2-dicarboxamide (C,C'-azodiformamide)) 123-77-3 0.05 VIII 102 Dibutyltin dichloride (DBTC) 683-18-1 0.05 VIII 103 Diethyl sulphate 64-67-5 0.05 VIII 104 Diisopentylphthalate 605-50-5 0.05 VIII 105 Dimethyl sulphate 77-78-1 0.05 VIII 106 Dinoseb 88-85-7 0.05 VIII 106 Dinoseb 88-85-7 0.05 VIII 107 Dioxobis(stearato)trilead* 12578-12-0 0.00 VIII 108 Fatty acids, C16-18, lead salts* 91031-62-8 0.00 VIII 109 Furan 110-00-9 0.05 VIII<			· ·		
VIII 99			· · · · · · · · · · · · · · · · · · ·		
VIII 100	VIII	98		92-67-1	0.050
VIII 100	VIII	99	(DecaBDE)	1163-19-5	0.050
VIII 102 Dibutyltin dichloride (DBTC) 683-18-1 0.05 VIII 103 Diethyl sulphate 64-67-5 0.05 VIII 104 Diisopentylphthalate 605-50-5 0.05 VIII 105 Dimethyl sulphate 77-78-1 0.05 VIII 106 Dinoseb 88-85-7 0.05 VIII 107 Dioxobis(stearato)trilead* 12578-12-0 0.00 VIII 108 Fatty acids, C16-18, lead salts* 91031-62-8 0.00 VIII 109 Furan 110-00-9 0.05 VIII 110 Henicosafluoroundecanoic acid 2058-94-8 0.05 VIII 111 Heptacosafluoroundecanoic acid 376-06-7 0.05 VIII 112 Hexahydroethylphthalic anhydride, Hexahydro-3-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride - 0.05 VIII 113 Lead bis(tetrafluoroborate)* 13814-96-5 0.00 VIII 114 Lead cyanamidate* 20837-86-9	VIII	100	anhydride, cis-cyclohexane-1,2- dicarboxylic anhydride, trans- cyclohexane-1,2-dicarboxylic anhydride	-	0.050
VIII 103 Diethyl sulphate 64-67-5 0.05 VIII 104 Diisopentylphthalate 605-50-5 0.05 VIII 105 Dimethyl sulphate 77-78-1 0.05 VIII 106 Dinoseb 88-85-7 0.05 VIII 107 Dioxobis(stearato)trilead* 12578-12-0 0.00 VIII 108 Fatty acids, C16-18, lead salts* 91031-62-8 0.00 VIII 109 Furan 110-00-9 0.05 VIII 110 Henicosafluoroundecanoic acid 2058-94-8 0.05 VIII 111 Heptacosafluoroundecanoic acid 376-06-7 0.05 VIII 111 Heptacosafluoroundecanoic acid 376-06-7 0.05 VIII 111 Heptacosafluoroundecanoic acid 376-06-7 0.05 VIII 112 methylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride 376-06-7 0.05 VIII 113 Lead bis(tetrafluoroborate)* 13814-96-5	VIII	101	1	123-77-3	0.050
VIII 103 Diethyl sulphate 64-67-5 0.05 VIII 104 Diisopentylphthalate 605-50-5 0.05 VIII 105 Dimethyl sulphate 77-78-1 0.05 VIII 106 Dinoseb 88-85-7 0.05 VIII 107 Dioxobis(stearato)trilead* 12578-12-0 0.00 VIII 108 Fatty acids, C16-18, lead salts* 91031-62-8 0.00 VIII 109 Furan 110-00-9 0.05 VIII 110 Henicosafluoroundecanoic acid 2058-94-8 0.05 VIII 111 Heptacosafluoroundecanoic acid 376-06-7 0.05 VIII 111 Heptacosafluoroundecanoic acid 376-06-7 0.05 VIII 111 Heptacosafluoroundecanoic acid 376-06-7 0.05 VIII 112 methylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride 13814-96-5 0.00 VIII 113 Lead bis(tetrafluoroborate)* 13814-96-5 <td>VIII</td> <td>102</td> <td>Dibutyltin dichloride (DBTC)</td> <td>683-18-1</td> <td>0.050</td>	VIII	102	Dibutyltin dichloride (DBTC)	683-18-1	0.050
VIII 104 Diisopentylphthalate 605-50-5 0.05 VIII 105 Dimethyl sulphate 77-78-1 0.05 VIII 106 Dinoseb 88-85-7 0.05 VIII 107 Dioxobis(stearato)trilead* 12578-12-0 0.00 VIII 108 Fatty acids, C16-18, lead salts* 91031-62-8 0.00 VIII 109 Furan 110-00-9 0.05 VIII 110 Henicosafluoroundecanoic acid 2058-94-8 0.05 VIII 111 Heptacosafluorotetradecanoic acid 376-06-7 0.05 VIII 112 Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride - 0.05 VIII 113 Lead bis(tetrafluoroborate)* 13814-96-5 0.00 VIII 114 Lead cyanamidate* 20837-86-9 0.00 VIII 115 Lead dinitrate* 10099-74-8 0.00 VIII 116 Lead monoxide* 1317-36-8 0.00 VIII 117 <td< td=""><td>VIII</td><td>103</td><td></td><td>64-67-5</td><td>0.050</td></td<>	VIII	103		64-67-5	0.050
VIII 105 Dimethyl sulphate 77-78-1 0.05 VIII 106 Dinoseb 88-85-7 0.05 VIII 107 Dioxobis(stearato)trilead* 12578-12-0 0.00 VIII 108 Fatty acids, C16-18, lead salts* 91031-62-8 0.00 VIII 109 Fatty acids, C16-18, lead salts* 91031-62-8 0.00 VIII 110 Henicosafluoroundecanoic acid 2058-94-8 0.05 VIII 111 Heptacosafluoroundecanoic acid 376-06-7 0.05 Hexahydro-damethylphthalic anhydride, Hexahydro-damethylphthalic anhydride, Hexahydro-3-methylphthalic anhydride - 0.05 VIII 113 Lead bis(tetrafluoroborate)* 13814-96-5 0.00 VIII 114 Lead cyanamidate* 20837-86-9 0.00 VIII 115 Lead dinitrate* 10099-74-8 0.00 VIII 116 Lead monoxide* 1317-36-8 0.00 VIII 117 Lead oxide sulfate* 12036-76-9 0.00 VIII<	VIII	104		605-50-5	0.050
VIII 106 Dinoseb 88-85-7 0.05 VIII 107 Dioxobis(stearato)trilead* 12578-12-0 0.00 VIII 108 Fatty acids, C16-18, lead salts* 91031-62-8 0.00 VIII 109 Furan 110-00-9 0.05 VIII 110 Henicosafluoroundecanoic acid 2058-94-8 0.05 VIII 111 Heptacosafluoroundecanoic acid 376-06-7 0.05 Hexahydro-danydride, Hexahydro-danydride, Hexahydro-danydride, Hexahydro-3-methylphthalic anhydride - 0.05 VIII 113 Lead bis(tetrafluoroborate)* 13814-96-5 0.00 VIII 114 Lead cyanamidate* 20837-86-9 0.00 VIII 115 Lead dinitrate* 10099-74-8 0.00 VIII 116 Lead monoxide* 1317-36-8 0.00 VIII 117 Lead oxide sulfate* 12036-76-9 0.00 VIII 118 Lead tetroxide (orange lead)* 1314-41-6 0.00 VIII 119					0.050
VIII 107 Dioxobis(stearato)trilead* 12578-12-0 0.00 VIII 108 Fatty acids, C16-18, lead salts* 91031-62-8 0.00 VIII 109 Furan 110-00-9 0.05 VIII 110 Henicosafluoroundecanoic acid 2058-94-8 0.05 VIII 111 Heptacosafluorotetradecanoic acid 376-06-7 0.05 VIII 112 Hexahydronethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride - 0.05 VIII 113 Lead bis(tetrafluoroborate)* 13814-96-5 0.00 VIII 114 Lead cyanamidate* 20837-86-9 0.00 VIII 115 Lead dinitrate* 10099-74-8 0.00 VIII 116 Lead monoxide* 1317-36-8 0.00 VIII 117 Lead oxide sulfate* 12036-76-9 0.00 VIII 118 Lead tetroxide (orange lead)* 1314-41-6 0.00 VIII 119 Lead titanium trioxide* 12626-81-2 <td< td=""><td></td><td></td><td></td><td></td><td>0.050</td></td<>					0.050
VIII 108 Fatty acids, C16-18, lead salts* 91031-62-8 0.00 VIII 109 Furan 110-00-9 0.05 VIII 110 Henicosafluoroundecanoic acid 2058-94-8 0.05 VIII 111 Heptacosafluorotetradecanoic acid 376-06-7 0.05 VIII 112 Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride - 0.05 VIII 113 Lead bis(tetrafluoroborate)* 13814-96-5 0.00 VIII 114 Lead cyanamidate* 20837-86-9 0.00 VIII 115 Lead dinitrate* 10099-74-8 0.00 VIII 116 Lead monoxide* 1317-36-8 0.00 VIII 117 Lead oxide sulfate* 12036-76-9 0.00 VIII 118 Lead tetroxide (orange lead)* 1314-41-6 0.00 VIII 119 Lead titanium trioxide* 12060-00-3 0.00 VIII 120 Lead titanium zirconium oxide* 12626-81-2					0.005
VIII 109 Furan 110-00-9 0.05 VIII 110 Henicosafluoroundecanoic acid 2058-94-8 0.05 VIII 111 Heptacosafluorotetradecanoic acid 376-06-7 0.05 VIII 112 Hexahydrorethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride - 0.05 VIII 113 Lead bis(tetrafluoroborate)* 13814-96-5 0.00 VIII 114 Lead cyanamidate* 20837-86-9 0.00 VIII 115 Lead dinitrate* 10099-74-8 0.00 VIII 116 Lead monoxide* 1317-36-8 0.00 VIII 117 Lead oxide sulfate* 12036-76-9 0.00 VIII 118 Lead tetroxide (orange lead)* 1314-41-6 0.00 VIII 119 Lead titanium trioxide* 12060-00-3 0.00 VIII 120 Lead titanium zirconium oxide* 12626-81-2 0.05 VIII 121 Methyloxirane (Propylene oxide) 75-56-9 <td< td=""><td></td><td></td><td></td><td></td><td>0.005</td></td<>					0.005
VIII 110 Henicosafluoroundecanoic acid 2058-94-8 0.05 VIII 111 Heptacosafluorotetradecanoic acid 376-06-7 0.05 VIII 112 Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride - 0.05 VIII 113 Lead bis(tetrafluoroborate)* 13814-96-5 0.00 VIII 114 Lead cyanamidate* 20837-86-9 0.00 VIII 115 Lead dinitrate* 10099-74-8 0.00 VIII 116 Lead monoxide* 1317-36-8 0.00 VIII 117 Lead oxide sulfate* 12036-76-9 0.00 VIII 118 Lead tetroxide (orange lead)* 1314-41-6 0.00 VIII 119 Lead titanium trioxide* 12060-00-3 0.00 VIII 120 Lead titanium zirconium oxide* 12626-81-2 0.00 VIII 121 Methoxyacetic acid 625-45-6 0.05 VIII 123 N,N-Dimethylformamide 68-12-2			•		
VIII 111 Heptacosafluorotetradecanoic acid 376-06-7 0.05 VIII 112 Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride - 0.05 VIII 113 Lead bis(tetrafluoroborate)* 13814-96-5 0.00 VIII 114 Lead cyanamidate* 20837-86-9 0.00 VIII 115 Lead dinitrate* 10099-74-8 0.00 VIII 116 Lead monoxide* 1317-36-8 0.00 VIII 117 Lead oxide sulfate* 12036-76-9 0.00 VIII 118 Lead tetroxide (orange lead)* 1314-41-6 0.00 VIII 119 Lead titanium trioxide* 12060-00-3 0.00 VIII 120 Lead titanium zirconium oxide* 12626-81-2 0.00 VIII 121 Methoxyacetic acid 625-45-6 0.05 VIII 122 Methyloxirane (Propylene oxide) 75-56-9 0.05 VIII 124 N-Methylacetamide 79-16-3					
Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride VIII					
VIII 113 Lead bis(tetrafluoroborate)* 13814-96-5 0.00 VIII 114 Lead cyanamidate* 20837-86-9 0.00 VIII 115 Lead dinitrate* 10099-74-8 0.00 VIII 116 Lead monoxide* 1317-36-8 0.00 VIII 117 Lead oxide sulfate* 12036-76-9 0.00 VIII 118 Lead tetroxide (orange lead)* 1314-41-6 0.00 VIII 119 Lead titanium trioxide* 12060-00-3 0.00 VIII 120 Lead titanium zirconium oxide* 12626-81-2 0.00 VIII 121 Methoxyacetic acid 625-45-6 0.05 VIII 122 Methyloxirane (Propylene oxide) 75-56-9 0.05 VIII 123 N,N-Dimethylformamide 68-12-2 0.05 VIII 124 N-Methylacetamide 79-16-3 0.05 VIII 125 N-Pentyl-isopentylphthalate 776297-69-9 0.05 VIII 126 0-Aminoazotol	VIII	112	anhydride, Hexahydro-4- methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-	-	0.050
VIII 114 Lead cyanamidate* 20837-86-9 0.00 VIII 115 Lead dinitrate* 10099-74-8 0.00 VIII 116 Lead monoxide* 1317-36-8 0.00 VIII 117 Lead oxide sulfate* 12036-76-9 0.00 VIII 118 Lead tetroxide (orange lead)* 1314-41-6 0.00 VIII 119 Lead titanium trioxide* 12060-00-3 0.00 VIII 120 Lead titanium zirconium oxide* 12626-81-2 0.00 VIII 121 Methoxyacetic acid 625-45-6 0.05 VIII 122 Methyloxirane (Propylene oxide) 75-56-9 0.05 VIII 123 N,N-Dimethylformamide 68-12-2 0.05 VIII 124 N-Methylacetamide 79-16-3 0.05 VIII 125 N-Pentyl-isopentylphthalate 776297-69-9 0.05 VIII 126 o-Aminoazotoluene 97-56-3 0.05 VIII 127 o-Toluidine <t< td=""><td>VIII</td><td>113</td><td></td><td>13814-96-5</td><td>0.005</td></t<>	VIII	113		13814-96-5	0.005
VIII 115 Lead dinitrate* 10099-74-8 0.00 VIII 116 Lead monoxide* 1317-36-8 0.00 VIII 117 Lead oxide sulfate* 12036-76-9 0.00 VIII 118 Lead tetroxide (orange lead)* 1314-41-6 0.00 VIII 119 Lead titanium trioxide* 12060-00-3 0.00 VIII 120 Lead titanium zirconium oxide* 12626-81-2 0.00 VIII 121 Methoxyacetic acid 625-45-6 0.05 VIII 122 Methyloxirane (Propylene oxide) 75-56-9 0.05 VIII 123 N,N-Dimethylformamide 68-12-2 0.05 VIII 124 N-Methylacetamide 79-16-3 0.05 VIII 125 N-Pentyl-isopentylphthalate 776297-69-9 0.05 VIII 126 o-Aminoazotoluene 97-56-3 0.05 VIII 127 o-Toluidine 95-53-4 0.05					0.005
VIII 116 Lead monoxide* 1317-36-8 0.00 VIII 117 Lead oxide sulfate* 12036-76-9 0.00 VIII 118 Lead tetroxide (orange lead)* 1314-41-6 0.00 VIII 119 Lead titanium trioxide* 12060-00-3 0.00 VIII 120 Lead titanium zirconium oxide* 12626-81-2 0.00 VIII 121 Methoxyacetic acid 625-45-6 0.05 VIII 122 Methyloxirane (Propylene oxide) 75-56-9 0.05 VIII 123 N,N-Dimethylformamide 68-12-2 0.05 VIII 124 N-Methylacetamide 79-16-3 0.05 VIII 125 N-Pentyl-isopentylphthalate 776297-69-9 0.05 VIII 126 o-Aminoazotoluene 97-56-3 0.05 VIII 127 o-Toluidine 95-53-4 0.05					0.005
VIII 117 Lead oxide sulfate* 12036-76-9 0.00 VIII 118 Lead tetroxide (orange lead)* 1314-41-6 0.00 VIII 119 Lead titanium trioxide* 12060-00-3 0.00 VIII 120 Lead titanium zirconium oxide* 12626-81-2 0.00 VIII 121 Methoxyacetic acid 625-45-6 0.05 VIII 122 Methyloxirane (Propylene oxide) 75-56-9 0.05 VIII 123 N,N-Dimethylformamide 68-12-2 0.05 VIII 124 N-Methylacetamide 79-16-3 0.05 VIII 125 N-Pentyl-isopentylphthalate 776297-69-9 0.05 VIII 126 o-Aminoazotoluene 97-56-3 0.05 VIII 127 o-Toluidine 95-53-4 0.05					0.005
VIII 118 Lead tetroxide (orange lead)* 1314-41-6 0.00 VIII 119 Lead titanium trioxide* 12060-00-3 0.00 VIII 120 Lead titanium zirconium oxide* 12626-81-2 0.00 VIII 121 Methoxyacetic acid 625-45-6 0.05 VIII 122 Methyloxirane (Propylene oxide) 75-56-9 0.05 VIII 123 N,N-Dimethylformamide 68-12-2 0.05 VIII 124 N-Methylacetamide 79-16-3 0.05 VIII 125 N-Pentyl-isopentylphthalate 776297-69-9 0.05 VIII 126 o-Aminoazotoluene 97-56-3 0.05 VIII 127 o-Toluidine 95-53-4 0.05					0.005
VIII 119 Lead titanium trioxide* 12060-00-3 0.00 VIII 120 Lead titanium zirconium oxide* 12626-81-2 0.00 VIII 121 Methoxyacetic acid 625-45-6 0.05 VIII 122 Methyloxirane (Propylene oxide) 75-56-9 0.05 VIII 123 N,N-Dimethylformamide 68-12-2 0.05 VIII 124 N-Methylacetamide 79-16-3 0.05 VIII 125 N-Pentyl-isopentylphthalate 776297-69-9 0.05 VIII 126 o-Aminoazotoluene 97-56-3 0.05 VIII 127 o-Toluidine 95-53-4 0.05					0.005
VIII 120 Lead titanium zirconium oxide* 12626-81-2 0.00 VIII 121 Methoxyacetic acid 625-45-6 0.05 VIII 122 Methyloxirane (Propylene oxide) 75-56-9 0.05 VIII 123 N,N-Dimethylformamide 68-12-2 0.05 VIII 124 N-Methylacetamide 79-16-3 0.05 VIII 125 N-Pentyl-isopentylphthalate 776297-69-9 0.05 VIII 126 o-Aminoazotoluene 97-56-3 0.05 VIII 127 o-Toluidine 95-53-4 0.05					0.005
VIII 121 Methoxyacetic acid 625-45-6 0.05 VIII 122 Methyloxirane (Propylene oxide) 75-56-9 0.05 VIII 123 N,N-Dimethylformamide 68-12-2 0.05 VIII 124 N-Methylacetamide 79-16-3 0.05 VIII 125 N-Pentyl-isopentylphthalate 776297-69-9 0.05 VIII 126 o-Aminoazotoluene 97-56-3 0.05 VIII 127 o-Toluidine 95-53-4 0.05					0.005
VIII 122 Methyloxirane (Propylene oxide) 75-56-9 0.05 VIII 123 N,N-Dimethylformamide 68-12-2 0.05 VIII 124 N-Methylacetamide 79-16-3 0.05 VIII 125 N-Pentyl-isopentylphthalate 776297-69-9 0.05 VIII 126 o-Aminoazotoluene 97-56-3 0.05 VIII 127 o-Toluidine 95-53-4 0.05					0.050
VIII 123 N,N-Dimethylformamide 68-12-2 0.05 VIII 124 N-Methylacetamide 79-16-3 0.05 VIII 125 N-Pentyl-isopentylphthalate 776297-69-9 0.05 VIII 126 o-Aminoazotoluene 97-56-3 0.05 VIII 127 o-Toluidine 95-53-4 0.05					0.050
VIII 124 N-Methylacetamide 79-16-3 0.05 VIII 125 N-Pentyl-isopentylphthalate 776297-69-9 0.05 VIII 126 o-Aminoazotoluene 97-56-3 0.05 VIII 127 o-Toluidine 95-53-4 0.05					0.050
VIII 125 N-Pentyl-isopentylphthalate 776297-69-9 0.05 VIII 126 o-Aminoazotoluene 97-56-3 0.05 VIII 127 o-Toluidine 95-53-4 0.05			· ·		0.050
VIII 126 o-Aminoazotoluene 97-56-3 0.05 VIII 127 o-Toluidine 95-53-4 0.05			·		0.050
VIII 127 o-Toluidine 95-53-4 0.05					0.050
					0.050
VIII 128 Pentacosafluorotridecanoic acid 72629-94-8 0.05			ł .		0.050
					0.005
					0.005
Silicic acid, barium salt, lead-			Silicic acid, barium salt, lead-		0.005



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No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 中国・广东・广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86–20) 82155555 t (86–20) 82155555



				1
Batch	No.	Substance Name	CAS No.	RL (%)
VIII	132	Silicic acid, lead salt*	11120-22-2	0.005
VIII	133	Sulfurous acid, lead salt, dibasic*	62229-08-7	0.005
VIII	134	Tetraethyllead*	78-00-2	0.005
VIII	135	Tetralead trioxide sulphate*	12202-17-4	0.005
VIII	136	Tricosafluorododecanoic acid	307-55-1	0.050
VIII	137	Trilead bis(carbonate)dihydroxide (basic lead carbonate)*	1319-46-6	0.005
VIII	138	Trilead dioxide phosphonate*	12141-20-7	0.005
IX	139	4-Nonylphenol, branched and linear, ethoxylated	-	0.050
IX	140	Ammonium pentadecafluorooctanoate (APFO)**	3825-26-1	0.050
IX	141	Cadmium oxide*	1306-19-0	0.005
IX	142	Cadmium	7440-43-9	0.005
IX	143	Dipentyl phthalate (DPP)	131-18-0	0.050
IX	144	Pentadecafluorooctanoic acid (PFOA)	335-67-1	0.050
Χ	145	Cadmium sulphide*	1306-23-6	0.005
Χ	146	Dihexyl phthalate	84-75-3	0.050
Х	147	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	0.050
X	148	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)	1937-37-7	0.050
X	149	Imidazolidine-2-thione; (2- imidazoline-2-thiol)	96-45-7	0.050
Χ	150	Lead di(acetate)*	301-04-2	0.005
Χ	151	Trixylyl phosphate	25155-23-1	0.050
ΧI	152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	0.050
ΧI	153	Cadmium chloride*	10108-64-2	0.005
ΧI	154	Sodium perborate; perboric acid, sodium salt*	-	0.005
ΧI	155	Sodium peroxometaborate*	7632-04-4	0.005
XII	156	2-(2H-benzotriazol-2-yl)-4,6- ditertpentylphenol (UV-328)	25973-55-1	0.050
XII	157	2-benzotriazol-2-yl-4,6-di-tert- butylphenol (UV-320)	3846-71-7	0.050
XII	158	2-ethylhexyl 10-ethyl-4,4-dioctyl-7- oxo-8-oxa-3,5-dithia-4- stannatetradecanoate (DOTE)	15571-58-1	0.050
XII	159	Cadmium fluoride*	7790-79-6	0.005
XII	160	Cadmium sulphate*	10124-36-4	0.005
		I		



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Batch	No.	Substance Name	CAS No.	RL (%)
			/31119-53-6	,
XII	161	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate & 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 & MOTE)	-	0.050
XIII	162	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	-	0.050
XIII	163	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual isomers of [1] and [2] or any combination thereof]	-	0.050
XIV	164	1,3-propanesultone	1120-71-4	0.050
XIV	165	2,4-di-tert-butyl-6-(5- chlorobenzotriazol-2-yl) phenol (UV-327)	3864-99-1	0.050
XIV	166	2-(2H-benzotriazol-2-yl)-4-(tert- butyl)-6-(sec-butyl) phenol (UV- 350)	36437-37-3	0.050
XIV	167	Nitrobenzene	98-95-3	0.050
XIV	168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	-	0.050
XV	169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	0.050
XVI	170	4,4'-isopropylidenediphenol (bisphenol A)	80-05-7	0.050
XVI	171	4-Heptylphenol, branched and linear	-	0.050
XVI	172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	-	0.050
XVI	173	p-(1,1-dimethylpropyl)phenol	80-46-6	0.050
XVII	174	Perfluorohexane-1-sulphonic acid and its salts	-	0.050
XVIII	175	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16, 9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-	-	0.050



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Batch	No.	Substance Name	CAS No.	RL (%)
Dateri	INO.	isomers or any combination	CAS NO.	NL (70)
		thereof]		
XVIII	176	Benz[a]anthracene	56-55-3	0.050
XVIII	177	Cadmium nitrate*	10325-94-7	0.005
XVIII	178	Cadmium carbonate*	513-78-0	0.005
XVIII	179	Cadmium hydroxide*	21041-95-2	0.005
XVIII	180	Chrysene	218-01-9	0.050
XVIII	100	Reaction products of 1,3,4-	210 01 3	0.000
		thiadiazolidine-2,5-dithione,		
		formaldehyde and 4-heptylphenol,		
XVIII	181	branched and linear (RP-HP) [with	-	0.050
		≥0.1% w/w 4-heptylphenol,		
		branched and linear]		
		Benzene-1,2,4-tricarboxylic acid		
XIX	182	1,2 anhydride (trimellitic anhydride)	552-30-7	0.050
		(TMA)		
XIX	183	Benzo[ghi]perylene	191-24-2	0.050
XIX	184	Decamethylcyclopentasiloxane	541-02-6	0.050
AIA	104	(D5)	341-02-0	0.030
XIX	185	Dicyclohexyl phthalate (DCHP)	84-61-7	0.050
XIX	186	Disodium octaborate*	12008-41-2	0.005
XIX	187	Dodecamethylcyclohexasiloxane (D6)	540-97-6	0.050
XIX	188	Ethylenediamine (EDA)	107-15-3	0.050
XIX	189	Lead	7439-92-1	0.005
XIX	190	Octamethylcyclotetrasiloxane (D4)	556-67-2	0.050
XIX	191	Terphenyl, hydrogenated	61788-32-7	0.050
		1,7,7-trimethyl-3-		
XX	192	(phenylmethylene)bicyclo[2.2.1]hep	15087-24-8	0.050
		tan-2-one (3-benzylidene camphor)		
~~	102	2,2-bis(4'-hydroxyphenyl)-4-	6007.47.6	0.050
XX	193	methylpentane	6807-17-6	0.050
XX	194	Benzo[k]fluoranthene	207-08-9	0.050
XX	195	Fluoranthene	206-44-0	0.050
XX	196	Phenanthrene	85-01-8	0.050
XX	197	Pyrene	129-00-0	0.050
		2,3,3,3-tetrafluoro-2-		
		(heptafluoropropoxy)propionic acid,		
XXI	198	its salts and its acyl halides	-	0.050
		(covering any of their individual		
		isomers and combinations thereof)		
XXI	199	2-methoxyethyl acetate	110-49-6	0.050
XXI	200	4-tert-butylphenol (PTBP)	98-54-4	0.050
		Tris(4-nonylphenyl, branched and		
XXI	201	linear) phosphite (TNPP) with ≥	_	0.050
,,,,,		0.1% w/w of 4-nonylphenol,		
		branched and linear (4-NP)		



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Batch	No.	Substance Name	CAS No.	RL (%)
XXII	202	2-benzyl-2-dimethylamino-4'- morpholinobutyrophenone	119313-12-1	0.050
XXII	203	2-methyl-1-(4-methylthiophenyl)-2- morpholinopropan-1-one	71868-10-5	0.050
XXII	204	Diisohexyl phthalate	71850-09-4	0.050
XXII	205	Perfluorobutane sulfonic acid (PFBS) and its salts	-	0.050
XXIII	206	1-vinylimidazole	1072-63-5	0.050
XXIII	207	2-methylimidazole	693-98-1	0.050
XXIII	208	Butyl 4-hydroxybenzoate	94-26-8	0.050
XXIII	209	Dibutylbis(pentane-2,4-dionato- O,O')tin**	22673-19-4	0.050
XXIV	210	bis(2-(2-methoxyethoxy)ethyl) ether	143-24-8	0.050
XXIV	211	Dioctyltin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety**	-	0.050
XXV	212	1,4-Dioxane	123-91-1	0.050
XXV	213	2,2-bis(bromomethyl)propane1,3- diol (BMP); 2,2-dimethylpropan-1- ol, tribromo derivative/3-bromo-2,2- bis(bromomethyl)-1-propanol (TBNPA); 2,3-dibromo-1-propanol (2,3-DBPA)	-	0.050
XXV	214	2-(4-tert- butylbenzyl)propionaldehyde and its individual stereoisomers	-	0.050
XXV	215	4,4'-(1- methylpropylidene)bisphenol; (bisphenol B)	77-40-7	0.050
XXV	216	Glutaral	111-30-8	0.050
XXV	217	Medium-chain chlorinated paraffins (MCCP) [UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17]	-	0.050
XXV	218	Orthoboric acid, sodium salt*	13840-56-7	0.005
XXV	219	Phenol, alkylation products (mainly in para position) with C12-rich branched or linear alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)	<u>-</u>	0.050
XXVI	220	(±)-1,7,7-trimethyl-3-[(4- methylphenyl)methylene]bicyclo[2.	-	0.050



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Batch	No.	Substance Name	CAS No.	RL (%)
		2.1]heptan-2-one covering any of		
		the individual isomers and/or		
		combinations thereof (4-MBC)		
XXVI	221	6,6'-di-tert-butyl-2,2'-methylenedi-p-	119-47-1	0.050
		cresol (DBMC)		0.000
XXVI	222	S-(tricyclo[5.2.1.0'2,6]deca-3-en-	255881-94-8	0.050
		8(or 9)-yl) O-(isopropyl or isobutyl		
		or 2-ethylhexyl) O-(isopropyl or		
		isobutyl or 2-ethylhexyl)		
		phosphorodithioate		
XXVI	223	Tris(2-methoxyethoxy)vinylsilane	1067-53-4	0.050
XXVII	224	N-(hydroxymethyl)acrylamide	924-42-5	0.050
XXVIII	225	1,1'-[ethane-1,2-	37853-59-1	0.050
		diylbisoxy]bis[2,4,6-		
		tribromobenzene]		
XXVIII	226	2,2',6,6'-tetrabromo-4,4'-	79-94-7	0.050
		isopropylidenediphenol		
XXVIII	227	4,4'-sulphonyldiphenol	80-09-1	0.050
XXVIII	228	Barium diboron tetraoxide*	13701-59-2	0.005
	229	Bis(2-ethylhexyl)	26040-51-7	0.050
XXVIII		tetrabromophthalate covering any		
		of the individual isomers and/or		
200 000	222	combinations thereof	10.17.00.0	2.25
XXVIII	230	Isobutyl 4-hydroxybenzoate	4247-02-3	0.050
XXVIII	231	Melamine	108-78-1	0.050
XXVIII	232	Perfluoroheptanoic acid and its	_	0.050
		salts		
XXVIII	233	reaction mass of 2,2,3,3,5,5,6,6-		
		octafluoro-4-(1,1,1,2,3,3,3-		0.050
		heptafluoropropan-2-yl)morpholine	-	0.050
		and 2,2,3,3,5,5,6,6-octafluoro-4-		
,	00.4	(heptafluoropropyl)morpholine*	00.07.0	0.050
/	234	bis(4-chlorophenyl) sulphone	80-07-9	0.050
/	235	Diphenyl(2,4,6-	75980-60-8	0.050
		trimethylbenzoyl)phosphine oxide		
/	236	Resorcinol	108-46-3	0.050



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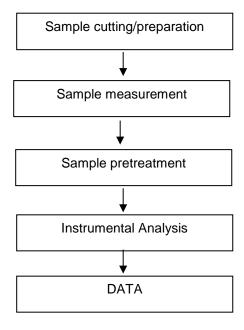
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Test Report (SVHC) ATTACHMENTS

SVHC Testing Flow Chart





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Sample photos:



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