TEST REPORT

Applicant:	HQG OPTOELECTRONICS(SHENZHEN)CO.,LTD
Address:	Building A1, Dingbaohong Green High Technology Park, No.8, Industrial 2nd Road, Shilong Community, Shiyan Town, Baoan District, Shenzhen City, China
Manufacturer:	HQG OPTOELECTRONICS(SHENZHEN)CO.,LTD
Address:	Building A1, Dingbaohong Green High Technology Park, No.8, Industrial 2nd Road, Shilong Community, Shiyan Town, Baoan District, Shenzhen City, China

The following sample(s) and sample information by the applicant.

Product Name:	Chip type LED beads
Trade Mark:	/
Model Number:	0402 series 0603 series, 0805 series, 0806 series, 1010 series, 1104 series, 1206 series, 1608 series, 1612 series, 1615 series, 1616 series, 1621 series, 1808 series
Date of Receipt:	Jun. 17, 2025
Test Date:	Jun. 17, 2025 - Jun. 25, 2025
Date of Report:	Jun. 28, 2025
Test Requested:	As requested by client, SVHC in Candidate List screening is performed according to: (i) 250 substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) on Regulation (EC) No 1907/2006 concerning the REACH. (ii) 5 potential Substances of Very High Concern (SVHC) in the Intention List published by European Chemicals Agency (ECHA) regarding Regulation (EC) No 1907/2006 concerning the REACH.
Test Results:	Please refer to next page(s).

SUMMARY:

According to the specified scope and evaluation screening, the results of 250 SVHC in the Candidate List are < 0.1% (w/w) in the submitted sample	PASS
According to the specified scope and evaluation screening, the results of 5 Potential SVHC are ≤ 0.1% (w/w) in the submitted sample.	PASS

Prepared (Engineer): Ava liu

Approved (Manager): Xiaoshan Ni

This test report is based on a single evaluation of one sample of above mentioned products. It is not permitted to be duplicated in extracts without written approval of Shenzhen DL Testing Technology Co., Ltd

Version No.	Date	Description
00	Jun. 28, 2025	Original

Remark:

(1) 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) Concerning article(s):

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 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)

Article 33 of Regulation (EC) No 1907/2006 requires supplier of 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.

(3) Concerning material(s):

Test results in the report are based on the tested sample .This report to testing result of tested sample submitted as homogenous materials. 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.

(4) 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.

(5) 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.

Test Sample:

Sample Description :

No.	Sample Name	Description
1	01	Green plastic + yellow metal

Test Method:

Refer to USA EPA 3052:1996, USA EPA 3050B:1996, USA EPA 3060A:1996, USA EPA3550C:2007, USA EPA 3540C:1996, Analyzed by ICP-OES, UV-VIs, GC-MS and XRF.

Test Result:

Batch	Substance Name	CAS No.	Concentration (%)	RL (%)
			01	
-	All SVHC in Candidate List	-	N.D.	-

Batch	Substance Name	CAS No.	Concentration (%)	RL (%)
			01	
-	All Potential SVHC	-	N.D.	-

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. All RL are based on homogenous material.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.
4. RL= 0.01% is evaluated for element (i.e. cobalt, arsenic, lead, chromium (VI), aluminum, zirconium, boron, strontium, zinc, antimony, titanium, barium and cadmium respectively), except molybdenum RL=0.001%, boron RL=0.005% (only for Lead bis(tetrafluoroborate)), chromium (VI) RL=0.005% (only for Pentazinc chromate octahydroxide).
5. Calculated concentration of boric compounds are based on the water extractive boron by ICP-OES.
6. Δ CAS No. of diastereoisomers identified (α-HBCDD, B-HBCDD, y-HBCDD): 134237-50-6,134237-51-7, 134237-52-8.
7. CAS No. of Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride: 25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9; EC No, of those: 247-094-1, 243-072-0, 256-356-4, 260-566-1.
8. § The substance is proposed for the identification as SVHC only where it containsMichler's ketone (CAS Number 90-94-8) or Michler's base (CAS Number: 101-61-1) ≥0.1% (w/w).
9. Composite test has been performed in equal proportion for the components/material per client requested. And the result is calculated using the minimum sample weight.
10. In consideration of the analysis requirement and the limit of sample volume, the screening test for the article is based on components / material enough to test.

Annex Full list tested SVHC

No.	Substance Name	CAS No.	RL (%)
1	4,4'-Diaminodiphenylmethane	101-77-9	0.05
2	5-tert-butyl-2,4,6-trinitro-m-xylene	81-15-2	0.05
3	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	0.05
4	Anthracene	120-12-7	0.05
5	Diarsenic pentaoxide*	1303-28-2	0.01
6	Diarsenic trioxide*	1327-53-3	0.01
7	Bis(2-ethylhexyl)phthalate (DEHP)	117-81-7	0.05
8	Bis(tributyltin)oxide (TBTO)	56-35-9	0.05
9	Benzyl butyl phthalate (BBP)	85-68-7	0.05
10	Cobalt dichloride*	7646-79-9	0.01
11	Dibutyl phthalate (DBP)	84-74-2	0.05
12	Hexabromocyclododecane(HBCDD) and all major diastereoisomers identified (α-HBCDD, β- HBCDD,γ-HBCDD)△	25637-99-4; 3194-55-6	0.05
13	Lead hydrogen arsenate*	7784-40-9	0.01
14	Sodium dichromate*	7789-12-0 10588-01-9	0.01
15	Triethyl arsenate*	15606-95-8	0.01
16	Anthracene oil	90640-80-5	0.05
17	Anthracene oil, anthracene paste,distn. Lights	91995-17-4	0.05
18	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	0.05
19	Anthracene oil, anthracene-low	90640-82-7	0.05
20	Anthracene oil, anthracene paste	90640-81-6	0.05
21	Pitch, coal tar, high temp	65996-93-2	0.05
22	Tris(2-chloroethyl)phosphate（TCEP）	115-96-8	0.05
23	2,4-Dinitrotoluene (2,4-DNT)	121-14-2	0.05
24	Diisobutyl phthalate（DIBP）	84-69-5	0.05
25	Lead chromate molybdate sulfate red * (C.I. Pigment Red 104)	12656-85-8	0.01
26	Lead sulfochromate yellow* (C.I. Pigment Yellow 34)	1344-37-2	0.01

No.	Substance Name	CAS No.	RL (%)
27	Lead chromate*	7758-97-6	0.01
28	Acrylamide	79-06-1	0.05
29	Trichloroethylene	79-01-6	0.05
30	Boric acid*	10043-35-3 11113-50-1	0.01
31	Disodium tetraborate, anhydrous*	1303-96-4 1330-43-4 12179-04-3	0.01
32	Tetraboron disodium heptaoxide,hydrate*	12267-73-1	0.01
33	Sodium chromate*	7775-11-3	0.01
34	Potassium chromate*	7789-00-6	0.01
35	Ammonium dichromate*	7789-09-5	0.01
36	Potassium dichromate*	7778-50-9	0.01
37	Cobalt(II) sulphate*	10124-43-3	0.01
38	Cobalt(II) dinitrate*	10141-05-6	0.01
39	Cobalt (II) carbonate*	513-79-1	0.01
40	Cobalt(II) diacetate*	71-48-7	0.01
41	2-Methoxyethanol	109-86-4	0.05
42	2-Ethoxyethanol	110-80-5	0.05
43	Chromium trioxide*	1333-82-0	0.01
44	Acids generated from chromium trioxide and their oligomers Group containing: Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid*	7738-94-5 13530-68-2	0.01
45	2-ethoxyethyl acetate	111-15-9	0.05
46	Strontium chromate*	7789-6-2	0.01
47	1,2-Benzenedicarboxylic acid,di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4	0.05
48	Hydrazine	302-01-2 7803-57-8	0.05
49	1-methyl-2-pyrrolidone	872-50-4	0.05
50	1,2,3-trichloropropane	96-18-4	0.05
51	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters,C7-rich (DIHP)	71888-89-6	0.05
52	Dichromium tris(chromate)*	24613-89-6	0.01
53	Potassium hydroxyoctaoxodizincatedi-chromate*	11103-86-9	0.01

No.	Substance Name	CAS No.	RL (%)
54	Pentazinc chromate octahydroxide*	49663-84-5	0.01
55	Aluminosilicate Refractory Ceramic Fibres*	-	0.01
56	Zirconia Aluminosilicate Refractory Ceramic Fibres*	-	0.01
57	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	0.05
58	Bis(2-methoxyethyl) phthalate	117-82-8	0.05
59	2-Methoxyaniline;o-Anisidine	90-04-0	0.05
60	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	0.05
61	1,2-Dichloroethane	107-06-2	0.05
62	Bis(2-methoxyethyl) ether	111-96-6	0.05
63	Arsenic acid*	7778-39-4	0.01
64	Calcium arsenate*	7778-44-1	0.01
65	Trilead diarsenate*	3687-31-8	0.01
66	N,N-dimethylacetamide (DMAC)	127-19-5	0.05
67	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	0.05
68	Phenolphthalein	77-09-8	0.05
69	Lead azide Lead diazide*	13424-46-9	0.01
70	Lead styphnate*	15245-44-0	0.01
71	Lead dipicrate*	6477-64-1	0.01
72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	0.05
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	0.05
74	Diboron trioxide*	1303-86-2	0.01
75	Formamide	75-12-7	0.05
76	Lead(II) bis(methanesulfonate)*	17570-76-2	0.01
77	1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H) -trione (TGIC)	2451-62-9	0.05
78	1,3,5-tris[(2S and2R)-2,3-epoxypropyl]-1,3,5-triazine -2,4,6-(1H,3H,5H)-trione (β-TGIC)	59653-74-6	0.05
79	4,4'-bis(dimethylamino)benzophe none (Michler's ketone)	90-94-8	0.05
80	N,N,N',N'-tetramethyl-4,4'-methyl enedianiline (Michler's base)	101-61-1	0.05
81	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl] methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I.Basic Blue 26) §	2580-56-5	0.05

No.	Substance Name	CAS No.	RL (%)
82	[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammoniumchloride (C.I. Basic Violet 3) §	548-62-9	0.05
83	4,4'-bis(dimethylamino)-4"-(methylamino) trityl alcohol	561-41-1	0.05
84	α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino) naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0	0.05
85	Bis(pentabromophenyl) ether (decabromodiphenyl ether;Deca-BDE)	1163-19-5	0.05
86	Pentacosafluorotridecanoic acid	72629-94-8	0.05
87	Tricosafluorododecanoic acid	307-55-1	0.05
88	Henicosafluoroundecanoic acid	2058-94-8	0.05
89	Heptacosafluorotetradecanoic acid	376-06-7	0.05
90	Diazene-1,2-dicarboxamide(C,C'-azodi(formamide))	123-77-3	0.05
91	Cyclohexane-1,2-dicarboxylic anhydride	14166-21-3	0.05
92	Hexahydromethylphthalic anhydride Hexahydro-4-methylphthalic anhydride Hexahydro-1-methylphthalic anhydride Hexahydro-3-methylphthalic anhydride	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	0.05
93	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
94	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	-	0.05
95	Methoxyacetic acid	625-45-6	0.05
96	N,N-dimethylformamide	68-12-2	0.05
97	Dibutyltin dichloride (DBT)	683-18-1	0.05
98	Lead monoxide (Lead oxide)*	1317-36-8	0.01
99	Orange lead (Lead tetroxide)*	1314-41-6	0.01
100	Lead bis(tetrafluoroborate)*	13814-96-5	0.01
101	Trilead bis(carbonate)dihydroxide*	1319-46-6	0.01
102	Lead titanium trioxide*	12060-00-3	0.01
103	Lead titanium zirconium oxide*	12626-81-2	0.01
104	Silicic acid, lead salt*	11120-22-2	0.01

No.	Substance Name	CAS No.	RL (%)
105	Silicic acid , barium salt , lead-doped*	68784-75-8	0.01
106	1-bromopropane (n-propyl bromide)	106-94-5	0.05
107	Methyloxirane (Propylene oxide)	75-56-9	0.05
108	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	0.05
109	Diisopentylphthalate (DIPP)	605-50-5	0.05
110	N-pentyl-isopentylphthalate	776297-69-9	0.05
111	1,2-diethoxyethane	629-14-1	0.05
112	Acetic acid, lead salt, basic*	51404-69-4	0.01
113	Lead oxide sulfate*	12036-76-9	0.01
114	[Phthalato(2-)]dioxotrilead*	69011-06-9	0.01
115	Dioxobis(stearato)trilead*	12578-12-0	0.01
116	Fatty acids, C16-18, lead salts*	91031-62-8	0.01
117	Lead cynamidate*	20837-86-9	0.01
118	Lead dinitrate*	10099-74-8	0.01
119	Pentalead tetraoxide sulphate*	12065-90-6	0.01
120	Pyrochlore, antimony lead yellow*	8012-00-8	0.01
121	Sulfurous acid, lead salt, dibasic*	62229-08-7	0.01
122	Tetraethyllead*	78-00-2	0.01
123	Tetralead trioxide sulphate*	12202-17-4	0.01
124	Trilead dioxide phosphonate*	12141-20-7	0.01
125	Furan	110-00-9	0.05
126	Diethyl sulphate	64-67-5	0.05
127	Dimethyl sulphate	77-78-1	0.05
128	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	0.05
129	Dinoseb	88-85-7	0.05
130	4,4'-methylenedi-*o*-toluidine	838-88-0	0.05
131	4,4'-oxydianiline and its salts	101-80-4	0.05
132	4-aminoazobenzene	60-09-3	0.05

No.	Substance Name	CAS No.	RL (%)
133	4-methyl-*m*-phenylenediamine	95-80-7	0.05
134	6-methoxy-*m*-toluidine	120-71-8	0.05
135	Biphenyl-4-ylamine	92-67-1	0.05
136	*o*-aminoazotoluene	97-56-3	0.05
137	*o*-toluidine	95-53-4	0.05
138	N-methylacetamide	79-16-3	0.05
139	Cadmium*	7440-43-9	0.01
140	Cadmium oxide*	1306-19-0	0.01
141	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	0.05
142	Pentadecafluorooctanoic acid(PFOA)	335-67-1	0.05
143	Dipentyl phthalate (DPP)	131-18-0	0.05
144	4-Nonylphenol, branched and linear, ethoxylated	-	0.05
145	Cadmium sulphide*	1306-23-6	0.01
146	Dihexyl phthalate	84-75-3	0.05
147	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis (4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	0.05
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. DirectBlack 38)	1937-37-7	0.05
149	Imidazolidine-2-thione	96-45-7	0.05
150	Lead di(acetate)*	301-04-2	0.01
151	Trixylyl phosphate	25155-23-1	0.05
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	0.05
153	Cadmium chloride*	10108-64-2	0.01
154	Sodium perborate; perboric acid, sodium salt*	-	0.01
155	Sodium peroxometaborate*	7632-04-4	0.01
156	Cadmium fluoride*	7790-79-6	0.01
157	Cadmium sulphate*	10124-36-4	0.01
158	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	0.05
159	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphe-nol (UV-328)	25973-55-1	0.05

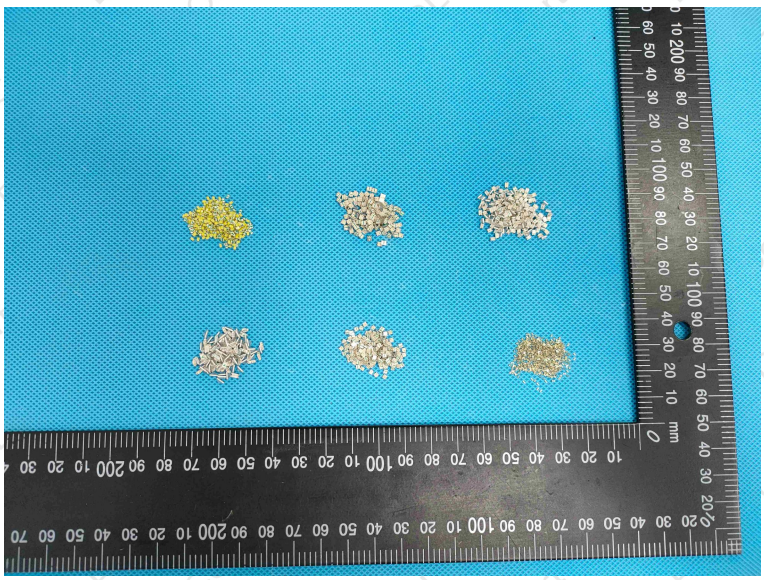
No.	Substance Name	CAS No.	RL (%)
160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia -4-stannatetradecanoate (DOTE)	15571-58-1	0.05
161	reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8 -oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3, 5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	-	0.05
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 (EC No. 201-559-5)	68515-51-5/ 68648-93-1	0.05
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 stereoisomers of [1] and [2] or any combination thereof]	-	0.05
164	1,3-propanesultone	1120-71-4	0.05
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	0.05
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	0.05
167	Nitrobenzene	98-95-3	0.05
168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	0.05
169	Benzo[def]chrysene	50-32-8	0.05
170	4,4'-isopropylidenediphenol (bisphenol A)	80-05-7	0.05
171	nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	3108-42-7 335-76-2 3830-45-3	0.05
172	4-heptylphenol, branched and linear (4-HPbl)	-	0.05
173	4-tert-pentylphenol (PTAP)	80-46-6	0.05
174	Perfluorohexane-1-sulphonic acid and its salts PFHxS	-	0.05
175	Dechlorane Plus(TM) and reaction products of1,3,4- thiadiazolidine-2,5-dithione	-	0.05
176	benz[a]anthracene	56-55-3	0.05
177	cadmium nitrate	10325-94-7	0.01
178	cadmium carbonate	513-78-0	0.01
179	cadmium hydroxide	21041-95-2	0.01
180	chrysene	218-01-9	0.05
181	formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with ≥0.1% w/w 4-heptylphenol, branched and linear]	-	0.05
182	Terphenyl, hydrogenated	61788-32-7	0.05

No.	Substance Name	CAS No.	RL (%)
183	Octamethylcyclotetrasiloxane D4	556-67-2	0.05
184	Lead	7439-92-1	0.01
185	Ethylenediamine EDA	107-15-3	0.05
186	Dodecamethylcyclohexasiloxane D6	540-97-6	0.05
187	Disodium octaborate	12008-41-2	0.01
188	Dicyclohexyl phthalate DCHP	84-61-7	0.05
189	Decamethylcyclopentasiloxane D5	541-02-6	0.05
190	Benzo[ghi]perylene	191-24-2	0.05
191	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride trimellitic anhydride; TMA	552-30-7	0.05
192	2,2-bis(4'-hydroxyphenyl)- 4-methylpentane	6807-17-6	0.01
193	Benzo[k]fluoranthene	207-08-9	0.01
194	Fluoranthene	206-44-0	0.05
195	Phenanthrene	85-01-8	0.05
196	Pyrene	129-00-0	0.05
197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	15087-24-8	0.05
198	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-	0.05
199	4-tert-butylphenol	98-54-4	0.05
200	2-methoxyethyl acetate	110-49-6	0.05
201	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides	-	0.05
202	Perfluorobutane sulfonic acid (PFBS) and its salts	-	0.05
203	Diisohexyl phthalate	71850-09-4	0.05
204	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	0.05
205	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	0.05
206	1-vinylimidazole	1072-63-5	0.05
207	2-methylimidazole	693-98-1	0.05
208	Butyl 4-hydroxybenzoate	94-26-8	0.05
209	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4	0.05
210	2-(2-methoxyethoxy)ethyl) ether	143-24-8	0.05

No.	Substance Name	CAS No.	RL (%)
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	-	0.05
212	1,4-dioxane	123-91-1	0.05
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)	3296-90-0 36483-57-5/ 1522-92-5 96-13-9	0.05
214	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	-	0.05
215	4,4'-(1-methylpropylidene) bisphenol (bisphenol B)	77-40-7	0.05
216	Glutaral	111-30-8	0.05
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]	-	0.05
218	Orthoboric acid, sodium salt	13840-56-7	0.01
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)	-	0.05
220	(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC)	--	0.05
221	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol (DBMC)	119-47-1	0.05
222	S-(tricyclo[5.2.1.0'2,6]deca-3-en-8(or 9)-yl) O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	255881-94-8	0.05
223	tris(2-methoxyethoxy)vinylsilane	1067-53-4	0.05
224	N-(hrdroxymethyl) acrylamide	924-42-5	0.05
225	Melamine	108-78-1	0.05
226	1,1'-[ethane-1,2-diylbisoxy]bis[2,4,6-tribromobenzene] (BTBPE)	37853-59-1	0.05
227	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol (TBBP-A)	79-94-7	0.05
228	4,4'-sulphonyldiphenol (BPS)	80-09-1	0.05
229	Barium diboron tetraoxide	13701-59-2	0.05
230	Bis(2-ethylhexyl) Tetrabromophthalate covering any of the individual isomers and/or combinations thereof (TBPH)	-	0.05
231	Isobutyl 4-hydroxybenzoate	4247-02-3	0.05
232	Perfluoroheptanoic acid (PFHpA) and its salts	-	0.05
233	Reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-Heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine	-	0.05
234	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	0.05

No.	Substance Name	CAS No.	RL (%)
235	Bis(4-chlorophenyl) sulphone	80-07-9	0.05
236	2,4,6-tri-tert-butylphenol	732-26-3	0.05
237	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)	3147-75-9	0.05
238	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	119344-86-4	0.05
239	Bumetrizole (UV-326)	3896-11-5	0.05
240	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	-	0.05
241	Bis(α,α-dimethylbenzyl) peroxide	80-43-3	0.05
242	Triphenyl phosphate	115-86-6	0.05
243	reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives	192268-65-8	0.05
244	Perfluamine	338-83-0	0.05
245	Octamethyltrisiloxane	107-51-7	0.05
246	O,O,O-triphenyl phosphorothioate	597-82-0	0.05
247	6-[(C10-C13)-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl] hexanoic acid	2156592-54-8	0.05
248	Decamethyltetrasiloxane (L4)	141-62-8	0.05
249	1,1,1,3,5,5,5-heptamethyl-3-[(trimethylsilyl)oxy]trisiloxane (M3T)	17928-28-8	0.05
250	Tetra(sodium/potassium)-7-[(E)-{2-acetamido-4-[(E)-(4-{[4-chlor-6-({2-[(4-f luor-6-{[4-(vinylsulf onyl) phenyl]amino}-1,3,5-triazin-2-yl) amino]propyl}amino)-1,3,5-triazin-2-yl]amino}-5-sulfonato-1-naphthyl)diazenyl]-5-methoxyphenyl}diazenyl]-1,3,6-naphthalin	-	0.05
potential Substances of Very High Concern (SVHC)			
251	Dodecamethylpentasiloxane	141-62-9	0.05
252	Hexamethyldisiloxane	107-46-0	0.05
253	Barium chromate	10294-40-3	0.01
254	Triphenyl phosphate	115-86-6	0.05
255	Resorcinol	108-46-3	0.05

Sample photo:



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