

No.SET2017-05732

TEST REPORT

Client Name	WUXI OPTICAL C&C CO.,LTD
Name of product	Glasses cloth
Manufacturer	WUXI OPTICAL C&C CO.,LTD
Model	B260/E170
Test sort	Commission Test



CCIC Southern Electronic Product Testing (Shenzhen) Co., Ltd.

Address: Electronic Testing Building, No. 43 Shahe Road, Xili Jiedao, Nanshan District, Shenzhen, Guangdong, China

P.C.: 518055

TEL: 86-755-26627338

Internet: [http:// www.ccic-set.com](http://www.ccic-set.com)

FAX: 86-755-26627238

E-Mail: manager@ccic-set.com



Customer information	Client	WUXI OPTICAL C&C CO.,LTD
	Address	A01No A1,A2 Liando U Valley,58jinghong RD,Xibei town,Xishan Area,WUXI,CHINA
Sample information	Name of sample	Glasses cloth
	Model	B260/E170
	Oder no	HEB1710028
	Material	----
	Manufacturer	WUXI OPTICAL C&C CO.,LTD
	Address	A01No A1,A2 Liando U Valley,58jinghong RD,Xibei town,Xishan Area,WUXI,CHINA
	Factory	WUXI OPTICAL C&C CO.,LTD
	Address	A01No A1,A2 Liando U Valley,58jinghong RD,Xibei town,Xishan Area,WUXI,CHINA
Test information	Sample received	Apr. 27, 2017
	Testing date	Apr. 27, 2017~ May 04, 2017
	Test sort	Commission Test
	Requested/item	As specified by client, to screen the 173 substances of very high concern(SVHC) under Regulation(EC) No 1907/2006 of REACH in the submitted sample(s)
	Standard/Foundation	Please refer to the following page(s)
	Summary	According to the analytical results, concentrations of 173 SVHC substances are less than 0.1% in the submitted sample.
Remark	----	

Tested By: *Liu Hong Ye* Checked By: *Kuang Weidong* Approved By: *Callan*

Date: May 24, 2017 Date: May 24, 2017 Date: May 24, 2017



Tested components:

SAMPLE No.	COMPONENTS	COLOR AND MATERIAL	TEST ITEM
1.	Glasses cloth	Mixed test	SVHC 173

Sample photo:



**Test Method:**

No.	Substance Name(s)	Pretreatment Method / Measuring Instrument	Substance Classification	Report Limit
1	Anthracene	ZEK01.4-08, GC-MS	PBT	0.05%
2	4,4'- Diaminodiphenylmethane	EPA3540C:1996, GC-MS	Carcinogen, cat. 2	0.05%
3	Dibutyl phthalate(DBP)	EPA3540C:1996, GC-MS	Toxic for reproduction, cat.2	0.05%
4	*Cobalt dichloride	EPA 3052:1996/EN14582:2007, ICP-OES/IC	Carcinogen, cat.2 Toxic for reproduction, cat2	0.05%
5	*Diarsenic pentaoxide	EPA 3052:1996, ICP-OES	Carcinogen, cat.1	0.05%
6	*Diarsenic trioxide	EPA 3052:1996, ICP-OES	Carcinogen, cat.1	0.05%
7	*Sodium dichromate	EPA 3052:1996/EPA3060A:1996, ICP-OES/UV-Vis	Carcinogen, cat.2; Mutagen, cat.2; Toxic for reproduction, cat.2	0.05%
8	Musk xylene	EPA 3540C:1996, GC-MS	vPvB	0.05%
9	Bis(2-ethyl(hexyl)phthalate) (DEHP)	EPA 3540C:1996, GC-MS	Toxic for reproduction, cat.2	0.05%
10	Hexabromocyclododecane (HBCDD)	EPA 3540C:1996, GC-MS	PBT	0.05%
11	Short Chain Chlorinated Paraffins(SCCPs)	EPA 3540C:1996, GC-MS	PBT; vPvB	0.05%
12	*Bis(tributyltin)oxide (TBTO)	EPA 3052:1996/ISO 17353:2004, ICP-OES/GC-MS	PBT	0.05%
13	*Lead hydrogen arsenate	EPA 3052:1996, ICP-OES	Carcinogen, cat.1; Toxic for reproduction, cat.1	0.05%
14	Benzyl butyl phthalate(BBP)	EPA 3540C:1996, GC-MS	Toxic for reproduction, cat.2	0.05%
15	*Triethyl arsenate	EPA 3052:1996, ICP-OES	Carcinogen, cat.1	0.05%
16	Anthracene oil ^①	ZEK01.4-08, GC-MS	PBT	0.05%
17	^① Anthracene oil, anthracene paste, distn. Lights ****	ZEK01.4-08, GC-MS	PBT	0.05%
18	Anthracene oil, anthracene paste, anthracene fraction ^①	ZEK01.4-08, GC-MS	PBT	0.05%
19	Anthracene oil, ntracene-low ^①	ZEK01.4-08, GC-MS	PBT	0.05%
20	Anthracene oil, anthracene paste ^①	ZEK01.4-08, GC-MS	PBT	0.05%
21	Coal tar pitch, high temperature ^①	ASTM D1160-06, distillation	PBT; Carcinogen, cat.2	0.05%
22	Acrylamide	EPA 3540C:1996, HPLC	Carcinogen, cat.2;Mutagen, cat.2	0.05%
23	2,4-Dinitrotoluene	EPA 3540C:1996, GC-MS	Carcinogen, cat.2	0.05%
24	Diisobutyl phthalate (DIBP)	EPA 3540C:1996, GC-MS	Toxic for reproduction, cat.2	0.05%
25	Lead chromate ^②	EPA 3052:1996/ EPA 3060A:1996, ICP-OES/UV-Vis	Carcinogen, cat.2; Toxic for reproduction, cat.1	0.05%
26	^② Lead chromate molybdate sulphate red (C.I. Pigment Red 104)***	EPA 3052:1996/ EPA 3060A:1996, ICP-OES/UV-Vis	Carcinogen, cat.2; Toxic for reproduction, cat.1	0.05%
27	^② Lead sulfochromate yellow (C.I. Pigment Yellow 34)***	EPA 3052:1996/ EPA 3060A:1996, ICP-OES/UV-Vis	Carcinogen, cat.2; Toxic for reproduction, cat.1	0.05%



No.	Substance Name(s)	Pretreatment Method / Measuring Instrument	Substance Classification	Report Limit
28	Tris(2-chloroethyl)phosphate (TCEP)	EPA 3540C:1996, GC-MS	Toxic for reproduction, cat.2	0.05%
29	Trichloroethylene	EPA 5021:1996, HS-GC-MS	Carcinogen, cat.2	0.05%
30	Boric acid [®]	EPA 3052:1996, ICP-OES	Toxic for reproduction, cat2	0.05%
31	[®] Disodium tetraborate, anhydrous*****	EPA 3052:1996, ICP-OES	Toxic for reproduction, cat2	0.05%
32	[®] Tetraboron disodium heptaoxide, hydrate*****	EPA 3052:1996, ICP-OES	Toxic for reproduction, cat2	0.05%
33	*Sodium chromate [®]	EPA 3052:1996/ EPA 3060A:1996, ICP-OES/UV-Vis	Carcinogen, cat.2; Mutagenic cat2; Toxic for reproduction, cat2	0.05%
34	*Potassium chromate [®]	EPA 3052:1996/ EPA 3060A:1996, ICP-OES/UV-Vis	Carcinogen, cat.2; Mutagenic cat2	0.05%
35	*Ammonium dichromate [®]	EPA 3052:1996/ EPA 3060A:1996, ICP-OES/UV-Vis	Carcinogen, cat.2; Mutagenic cat2; Toxic for reproduction, cat2	0.05%
36	*Potassium dichromate [®]	EPA 3052:1996/ EPA 3060A:1996, ICP-OES/UV-Vis	Carcinogen, cat.2; Mutagenic cat2; Toxic for reproduction, cat2	0.05%
37	Cobalt(II) sulphate*	EPA 3052:1996, ICP-OES	Toxic for reproduction, cat.2 Carcinogen, cat 2	0.05%
38	*Cobalt(II) dinitrate	EPA 3052:1996, ICP-OES	Toxic for reproduction, cat.2 Carcinogen, cat 2	0.05%
39	*Cobalt(II) carbonate	EPA 3052:1996, ICP-OES	Toxic for reproduction, cat.2 Carcinogen, cat 2	0.05%
40	*Cobalt(II) diacetate	EPA 3052:1996, ICP-OES	Toxic for reproduction, cat2 Carcinogen, cat 2	0.05%
41	2-Methoxyethanol	EPA 5021:1996, HS-GC-MS	Toxic for reproduction, cat 2	0.05%
42	2-Ethoxyethanol	EPA 5021:1996, HS-GC-MS	Toxic for reproduction, cat 2	0.05%
43	*Chromium trioxide [®]	EPA 3052:1996 & EPA 3060A:1996, ICP-OES & UV-Vis	Carcinogen, cat 1; Mutagenic cat 2	0.05%
44	*Acids generated from chromium trioxide and their oligomers: Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid [®]	EPA 3052:1996 & EPA 3060A:1996, ICP-OES & UV-Vis	Carcinogen, cat 2	0.05%
45	2-ethoxyethyl acetate	EPA 5021:1996, HS-GC-MS	Toxic for reproduction, cat2	0.05%
46	*Strontium chromate	EPA 3052:1996/ EPA 3060A:1996, ICP-OES/UV-Vis	Carcinogen, cat.2	0.05%
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters ^①	EPA 3540C:1996, GC-MS	Toxic for reproduction, cat2	0.05%
48	Hydrazine	EPA 5021:1996, HS-GC-MS	Carcinogen, cat.2	0.05%
49	1-methyl-2-pyrrolidone	EPA 3540C:1996, GC-MS	Toxic for reproduction, cat2	0.05%



No.	Substance Name(s)	Pretreatment Method / Measuring Instrument	Substance Classification	Report Limit
50	1,2,3-trichloropropane	EPA 3540C:1996, GC-MS	Carcinogen, cat.2 Toxic for reproduction, cat2	0.05%
51	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich ^①	EPA 3540C:1996, GC-MS	Toxic for reproduction, cat2	0.05%
52	*Dichromium tris(chromate)	EPA 3052:1996/ EPA 3060A:1996, ICP-OES/UV-Vis	Carcinogen, cat 2	0.05%
53	*Potassium hydroxyoctaoxodizincate dichromate	EPA 3052:1996/ EPA 3060A:1996, ICP-OES/UV-Vis	Carcinogen, cat 1	0.05%
54	*Pentazinc chromate octahydroxide	EPA 3052:1996/ EPA 3060A:1996, ICP-OES/UV-Vis	Carcinogen, cat 1	0.05%
55	^② Aluminosilicate Refractory Ceramic Fibres (RCF) **	EPA 3052:1996, ICP-OES	Carcinogen, cat 2	0.05%
56	^② Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF) **	EPA 3052:1996, ICP-OES	Carcinogen, cat 2	0.05%
57	Formaldehyde, oligomeric reaction products with aniline (technical MDA) ^①	EPA 3540C:1996, HPLC	Carcinogen, cat 2	0.05%
58	Bis(2-methoxyethyl) phthalate	EPA 3540C:1996, GC-MS	Toxic for reproduction,cat2	0.05%
59	2-Methoxyaniline(o-Anisidine)	EPA 3540C:1996, GC-MS	Carcinogen, cat 2	0.05%
60	4-(1,1,3,3-tetramethylbutyl)phenol (4-tert-Octylphenol)	EPA 3540C:1996, HPLC	Equivalent concern [▲]	0.05%
61	1,2-Dichloroethane	EPA 5021:1996, HS-GC-MS	Carcinogen, cat 2	0.05%
62	Bis(2-methoxyethyl) ether	EPA 5021:1996, HS-GC-MS	Carcinogen, cat 2	0.05%
63	*Arsenic acid	EPA 3052:1996, ICP-OES	Carcinogen, cat 1	0.05%
64	*Calcium arsenate	EPA 3052:1996, ICP-OES	Carcinogen, cat 1	0.05%
65	*Trilead diarsenate	EPA 3052:1996, ICP-OES	Carcinogen, cat 1; Toxic for reproduction, cat1	0.05%
66	N,N-dimethylacetamide (DMAC)	EPA 3540C:1996, HPLC	Carcinogen, cat 2	0.05%
67	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	EPA 3540C:1996, GC-MS	Carcinogen, cat 2	0.05%
68	Phenolphthalein	EPA 3540C:1996, HPLC	Carcinogen, cat 2	0.05%
69	*Lead diazide	EPA 3052:1996, ICP-OES	Toxic for reproduction,cat1	0.05%
70	*Lead 2,4,6-trinitro-m-phenylene dioxide (Lead styphnate)	EPA 3052:1996, ICP-OES	Toxic for reproduction,cat1	0.05%
71	*Lead dipicrate	EPA 3052:1996, ICP-OES	Toxic for reproduction,cat1	0.05%
72	*Diboron trioxide	EPA 3052:1996, ICP-OES	Toxic for reproduction	0.05%
73	Formamide	EPA 3540C:1996, HPLC	Toxic for reproduction	0.05%
74	*Lead(II) bis methanesulfonate	EPA 3052:1996, ICP-OES	Toxic for reproduction	0.05%



No.	Substance Name(s)	Pretreatment Method / Measuring Instrument	Substance Classification	Report Limit
75	TGIC(1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	EPA 3540C:1996, HPLC	Mutagenic	0.05%
76	β -TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	EPA 3540C:1996, HPLC	Mutagenic	0.05%
77	4,4'-bis(dimethylamino) benzophenone (Michler's ketone)	EPA 3540C:1996, HPLC	Carcinogenic	0.05%
78	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	EPA 3540C:1996, HPLC	Carcinogenic	0.05%
79	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride(C.I. Basic Violet 3)	EPA 3540C:1996, HPLC	Carcinogenic ^④	0.05%
80	[4-[[4-anilino-1-naphthyl] [4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride(C.I. Basic Blue 26)	EPA 3540C:1996, HPLC	Carcinogenic ^④	0.05%
81	α,α -Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	EPA 3540C:1996, HPLC	Carcinogenic ^④	0.05%
82	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	EPA 3540C:1996, HPLC	Carcinogenic ^④	0.05%
83	1,2-bis(2-methoxyethoxy) ethane	EPA 5021:1996, HS-GC-MS	Carcinogenic ^④	0.05%
84	1,2-dimethoxyethane;ethylene glycol dimethyl ether	EPA 5021:1996, HS-GC-MS	Carcinogenic ^④	0.05%
85	Bis(pentabromophenyl) ether (DecaBDE)	EPA 3540C:1996, GC-MS	PBT (Article 57 d); vPvB (Article 57 e)	0.05%
86	Pentacosafurotridecanoic acid	EPA 3540C:1996, HPLC-MS	vPvB (Article 57 e)	0.05%
87	Tricosafurododecanoic acid	EPA 3540C:1996, HPLC-MS	vPvB (Article 57 e)	0.05%
88	Henicosafurodecanoic acid	EPA 3540C:1996, HPLC-MS	vPvB (Article 57 e)	0.05%
89	Heptacosafurotetradecanoic acid	EPA 3540C:1996, HPLC-MS	vPvB (Article 57 e)	0.05%
90	4-(1,1,3,3-tetramethylbutyl) phenol, ethoxylated - covering well-defined substances and UVCB substances, polymers and Homologues	EPA 3540C:1996, HPLC	Equivalent level of concern - probable serious effects on human health (Article 57 f)	0.05%



No.	Substance Name(s)	Pretreatment Method / Measuring Instrument	Substance Classification	Report Limit
91	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	EPA 3540C:1996, HPLC	Equivalent level of concern - probable serious effects on human health (Article 57 f)	0.05%
92	Diazene- 1,2- dicarboxami (C,C'-azodi(formamide))	EPA 3540C:1996, HPLC	Equivalent level of concern - probable serious effects on human health (Article 57 f)	0.05%
93	Cyclohexan e-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA)	EPA 3540C:1996, GC-MS	Equivalent level of concern - probable serious effects on human health (Article 57 f)	0.05%
94	Hexahydromethylphthalic anhydride, Hexahydro -4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride	EPA 3540C:1996, GC-MS	Equivalent level of concern - probable serious effects on human health (Article 57 f)	0.05%
95	Methoxyacetic acid	EPA 3540C:1996, HPLC-MS	Toxic for reproduction (Article 57 c); equivalent level of concern -probable serious effects on human health and the environment (Article 57 f)	0.05%
96	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	EPA 3540C:1996, GC-MS	Toxic for reproduction (Article 57 c)	0.05%
97	Diisopentylphthalate (DIPP)	EPA 3540C:1996, GC-MS	Toxic for reproduction (Article 57 c)	0.05%
98	N-pentyl-isopentylphthalate	EPA 3540C:1996, GC-MS	Toxic for reproduction (Article 57 c)	0.05%
99	1,2-Diethoxyethane	EPA 5021:1996, HS-GC-MS	Toxic for reproduction (Article 57 c)	0.05%
100	N,N-dimethylformamide; dimethyl formamide	EPA 3540C:1996, HPLC	Toxic for reproduction (Article 57 c)	0.05%



No.	Substance Name(s)	Pretreatment Method / Measuring Instrument	Substance Classification	Report Limit
101	Dibutyltin dichloride (DBT)	EPA 3052:1996/ISO 17353:2004, ICP-OES/GC-MS	Toxic for reproduction (Article 57 c)	0.05%
102	Acetic acid, lead salt, basic	EPA 3052:1996, ICP-OES	Toxic for reproduction (Article 57 c)	0.05%
103	Basic lead carbonate (trilead bis(carbonate) dihydroxide)	EPA 3052:1996, ICP-OES	Toxic for reproduction (Article 57 c)	0.05%
104	Lead oxide sulfate (basic lead sulfate)	EPA 3052:1996, ICP-OES	Toxic for reproduction (Article 57 c)	0.05%
105	[Phthalato(2-)]dioxotrilead (dibasic lead phthalate)	EPA 3052:1996, ICP-OES	Toxic for reproduction (Article 57 c)	0.05%
106	Dioxobis (stearato) trilead	EPA 3052:1996, ICP-OES	Toxic for reproduction (Article 57 c)	0.05%
107	Fatty acids, C16-18, lead salts	EPA 3052:1996, ICP-OES	Toxic for reproduction (Article 57 c)	0.05%
108	Lead bis (tetrafluoroborate)	EPA 3052:1996, ICP-OES	Toxic for reproduction (Article 57 c)	0.05%
109	Lead cyanamidate	EPA 3052:1996, ICP-OES	Toxic for reproduction (Article 57 c)	0.05%
110	Lead dinitrate	EPA 3052:1996, ICP-OES	Toxic for reproduction (Article 57 c)	0.05%
111	Lead oxide (lead monoxide)	EPA 3052:1996, ICP-OES	Toxic for reproduction (Article 57 c)	0.05%
112	Lead tetroxide (orange lead)	EPA 3052:1996, ICP-OES	Toxic for reproduction (Article 57 c)	0.05%
113	Lead titanium trioxide	EPA 3052:1996, ICP-OES	Toxic for reproduction (Article 57 c)	0.05%
114	Lead Titanium Zirconium Oxide	EPA 3052:1996, ICP-OES	Toxic for reproduction (Article 57 c)	0.05%
115	Pentalead tetraoxide sulphate	EPA 3052:1996, ICP-OES	Toxic for reproduction (Article 57 c)	0.05%
116	Pyrochlore, antimony lead yellow	EPA 3052:1996, ICP-OES	Toxic for reproduction (Article 57 c)	0.05%
117	Silicic acid, barium salt, lead-doped	EPA 3052:1996, ICP-OES	Toxic for reproduction (Article 57 c)	0.05%
118	Silicic acid, lead salt	EPA 3052:1996, ICP-OES	Toxic for reproduction (Article 57 c)	0.05%
119	Sulfurous acid, lead salt, dibasic	EPA 3052:1996, ICP-OES	Toxic for reproduction (Article 57 c)	0.05%
120	Tetraethyllead	EPA 3052:1996, ICP-OES	Toxic for reproduction (Article 57 c)	0.05%



No.	Substance Name(s)	Pretreatment Method / Measuring Instrument	Substance Classification	Report Limit
121	Tetralead trioxide sulphate	EPA 3052:1996, ICP-OES	Toxic for reproduction (Article 57 c)	0.05%
122	Trilead dioxide phosphonate	EPA 3052:1996, ICP-OES	Toxic for reproduction (Article 57 c)	0.05%
123	Furan	EPA 3540C:1996, GC-MS	Carcinogenic (Article 57a)	0.05%
124	Propylene oxide; 1,2-epoxypropane; ethyloxirane	EPA 3540C:1996, GC-MS	Carcinogenic (Article 57 a); Mutagenic (Article 57 b)	0.05%
125	Diethyl sulphate	EPA 3540C:1996, GC-MS	Carcinogenic (Article 57 a); Mutagenic (Article 57 b)	0.05%
126	Dimethyl sulphate	EPA 3540C:1996, GC-MS	Carcinogenic (Article 57 a)	0.05%
127	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	EPA 3540C:1996, GC-MS	Toxic for reproduction (Article 57 c)	0.05%
128	Dinoseb	EPA 3540C:1996, HPLC	Toxic for reproduction (Article 57 c)	0.05%
129	4,4'-methylenedi-o-toluidine	EPA 3540C:1996, GC-MS	Carcinogenic (Article 57 a)	0.05%
130	4,4'-oxydianiline and its salts	EPA 3540C:1996, GC-MS	Carcinogenic (Article 57 a); Mutagenic (Article 57 b)	0.05%
131	4-Aminoazobenzene; 4-Phenylazoaniline	EPA 3540C:1996, GC-MS	Carcinogenic (Article 57 a)	0.05%
132	4-methyl-m-phenylenediamine (2,4-toluene-diamine)	EPA 3540C:1996, GC-MS	Carcinogenic (Article 57 a)	0.05%
133	6-methoxy-m -toluidine (p-cresidine)	EPA 3540C:1996, GC-MS	Carcinogenic (Article 57 a)	0.05%
134	Biphenyl -4-ylamine	EPA 3540C:1996, GC-MS	Carcinogenic (Article 57 a)	0.05%
135	o-amino azotoluene	EPA 3540C:1996, GC-MS	Carcinogenic (Article 57 a)	0.05%
136	o-Toluidine; 2-Aminotoluene	EPA 3540C:1996, GC-MS	Carcinogenic (Article 57 a)	0.05%
137	N-methylacetamide	EPA 3540C:1996, HPLC	Toxic for reproduction (Article 57 c)	0.05%
138	1-bromopr opane; n-propyl bromide	EPA 3540C:1996, GC-MS	Toxic for reproduction (Article 57 c)	0.05%
139	Cadmium ^①	EPA 3052:1996, ICP-OES	Carcinogenic (Article 57a)	0.05%
140	Cadmium oxide ^①	EPA 3052:1996, ICP-OES	Carcinogenic (Article 57a)	0.05%
141	Dipentyl phthalate(DPP)	EPA 3540C:1996, GC-MS	PBT	0.05%



No.	Substance Name(s)	Pretreatment Method / Measuring Instrument	Substance Classification	Report Limit
142	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]	EPA 3540C:1996, HPLC	PBT (Article 57 d); vPvB (Article 57 e)	0.05%
143	Ammonium pentadecafluorooctanoate (APFO)	EPA 3540C:1996, HPLC-MS	PBT	0.05%
144	Pentadecafluorooctanoic acid (PFOA)	EPA 3540C:1996, HPLC-MS	PBT	0.05%
145	Cadmium sulphide ^①	EPA 3052:1996, ICP-OES	Carcinogenic (Article 57a); Equivalent level of concern having probable serious effects to human health (Article 57 f)	0.05%
146	Dihexyl phthalate	EPA 3540C:1996, GC-MS	Toxic for reproduction (Article 57 c)	0.05%
147	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	EPA 3540C:1996, HPLC-MS	Carcinogenic (Article 57a)	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. Direct Black 38)	EPA 3540C:1996, HPLC-MS	Carcinogenic (Article 57a)	0.05%
149	Imidazolidine-2-thione; 2-imidazoline-2-thiol	EPA 3540C:1996, HPLC-MS	Toxic for reproduction (Article 57 c)	0.05%
150	Lead di(acetate)	EPA 3052:1996, ICP-OES	Toxic for reproduction (Article 57 c)	0.05%
151	Trixylyl phosphate	EPA 3540C:1996, GC-MS	Toxic for reproduction (Article 57 c)	0.05%



No.	Substance Name(s)	Pretreatment Method / Measuring Instrument	Substance Classification	Report Limit
152	Cadmium chloride ^①	EPA 3052:1996, ICP-OES	Carcinogenic (Article 57a); Mutagenic (Article 57(b); Toxic for Reproduction (Article 57(c); Equivalent level of concern having probable serious effects to human health (Article 57 f)	0.05%
153	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear(DIHP)	EPA 3540C:1996, GC-MS	Toxic for reproduction (Article 57 c)	0.05%
154	Sodium peroxometaborate	EPA 3052:1996, ICP-OES	Toxic for reproduction (Article 57 c)	0.05%
155	Sodium perborate; perboric acid, sodium salt	EPA 3052:1996, ICP-OES	Toxic for reproduction (Article 57 c)	0.05%
156	2-(2H-benzotriazol-2-yl)-4,6-ditert pentylphenol (UV-328)	EPA 3540C:1996, HPLC	PBT (Article 57 d); vPvB (Article 57 e)	0.05%
157	2-(2'-Hydroxy-3',5'-di-tert-butylphenyl)benzotriazole (UV-320)	EPA 3540C:1996, HPLC	PBT (Article 57 d); vPvB (Article 57 e)	0.05%
158	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate; DOTE	EPA 3540C:1996, GC-MS	Toxic for reproduction (Article 57 c)	0.05%
159	Cadmium fluoride ^①	EPA 3052:1996, ICP-OES	Carcinogenic (Article 57a); Mutagenic (Article 57(b); Toxic for Reproduction (Article 57(c); Equivalent level of concern having probable serious effects to human health (Article 57 f)	0.05%
160	Cadmium sulphate ^①	EPA 3052:1996, ICP-OES	Carcinogenic (Article 57a); Mutagenic (Article 57(b); Toxic for Reproduction (Article 57(c); Equivalent level of concern having probable serious effects to human health (Article 57 f)	0.05%



No.	Substance Name(s)	Pretreatment Method / Measuring Instrument	Substance Classification	Report Limit
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)	EPA 3540C:1996, GC-MS	Toxic for reproduction (Article 57 c)	0.05%
162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with $\geq 0.3\%$ of dihexyl phthalate (EC No. 201-559-5)	EPA 3540C:1996, GC-MS	Toxic for Reproduction (Article 57 c)	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 isomers of [1] and [2] or any combination thereof]	EPA 3540C:1996, GC-MS	vPvB (Article 57 e)	0.05%
164	Nitrobenzene	EPA 3540C:1996, GC-MS	Toxic for reproduction (Article 57 c)	0.05%
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	EPA 3540C:1996, HPLC	vPvB(Article 57 e)	0.05%
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	EPA 3540C:1996, HPLC	vPvB (Article 57 e)	0.05%
167	1,3-propanesultone	EPA 3540C:1996, GC-MS	Carcinogenic (Article 57 a)	0.05%
168	Perfluorononan-1-oic acid (2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptafluorononanoic acid and its sodium and ammonium salts	EPA 3540C:1996, GC-MS	Toxic for reproduction (Article 57 c); PBT (Article 57 d)	0.05%



No.	Substance Name(s)	Pretreatment Method / Measuring Instrument	Substance Classification	Report Limit
169	Benzo[def]chrysene (Benzo[a]pyrene)	EPA 3540C:1996, GC-MS	Carcinogenic (Article 57a) Mutagenic (Article 57 b) Toxic for reproduction (Article 57c) PBT (Article 57 d) vPvB (Article 57 e)	0.05%
170	4,4'-isopropylidenediphenol Bisphenol A; BPA	EPA 3540C:1996, GC-MS	Toxic for reproduction (Article 57c)	0.05%
171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts Ammonium nonadecafluorodecanoate Nonadecafluorodecanoic acid Decanoic acid, nonadecafluoro-, sodium salt	EPA 3540C:1996, GC-MS	Toxic for reproduction (Article 57c)	0.05%
172	4-heptylphenol, branched and linear substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof	EPA 3540C:1996, GC-MS	Equivalent level of concern - probable serious effects on human health (Article 57 f)	0.05%
173	p-(1,1-dimethylpropyl)phenol	EPA 3540C:1996, GC-MS	Equivalent level of concern - probable serious effects on human health (Article 57 f)	0.05%



Result(s):

No.	Substance Name(s)	CAS No.	EC No.	Concentration(%)
				1 ^{##}
1	Anthracene	120-12-7	204-371-1	N.D.
2	4,4'- Diaminodiphenylmethane	101-77-9	202-974-4	N.D.
3	Dibutyl phthalate(DBP)	84-74-2	201-557-4	N.D.
4	*Cobalt dichloride	7646-79-9	231-589-4	N.D.
5	*Diarsenic pentaoxide	1303-28-2	215-116-9	N.D.
6	*Diarsenic trioxide	1327-53-3	215-481-4	N.D.
7	*Sodium dichromate	7789-12-0	234-190-3	N.D.
8	Musk xylene	81-15-2	201-329-4	N.D.
9	Bis(2-ethyl(hexyl)phthalate)(DEHP)	117-81-7	204-211-0	N.D.
10	Hexabromocyclododecane (HBCDD)	25637-99-4	247-148-4	N.D.
11	Short Chain Chlorinated Paraffins(SCCPs)	85535-84-8	287-476-5	N.D.
12	*Bis(tributyltin)oxide (TBTO)	56-35-9	200-268-0	N.D.
13	*Lead hydrogen arsenate	7784-40-9	232-064-2	N.D.
14	Benzyl butyl phthalate(BBP)	85-68-7	201-622-7	N.D.
15	*Triethyl arsenate	15606-95-8	427-700-2	N.D.
16	Anthracene oil ^①	90640-80-5	292-602-7	N.D.
17	^① Anthracene oil, anthracene paste, distn. Lights ****	91995-17-4	295-278-5	N.D.
18	Anthracene oil, anthracene paste, anthracene fraction ^①	91995-15-2	295-275-9	N.D.
19	Anthracene oil, anthracene-low ^①	90640-82-7	292-604-8	N.D.
20	Anthracene oil, anthracene paste ^①	90640-81-6	292-603-2	N.D.
21	Coal tar pitch, high temperature ^①	65996-93-2	266-028-2	N.D.
22	Acrylamide	79-06-1	201-173-7	N.D.
23	2,4-Dinitrotoluene	121-14-2	204-450-0	N.D.
24	Diisobutyl phthalate (DIBP)	84-69-5	201-553-2	N.D.
25	Lead chromate ^②	7758-97-6	231-846-0	N.D.
26	^② Lead chromate molybdate sulphate red (C.I. Pigment Red 104)***	12656-85-8	235-759-9	N.D.
27	^② Lead sulfochromate yellow (C.I. Pigment Yellow 34)***	1344-37-2	215-693-7	N.D.
28	Tris(2-chloroethyl)phosphate (TCEP)	115-96-8	204-118-5	N.D.
29	Trichloroethylene	79-01-6	201-167-4	N.D.
30	Boric acid ^③	10043-35-3 11113-50-1	233-139-2 234-343-4	N.D.
31	^③ Disodium tetraborate, anhydrous*****	1303-96-4 1330-43-4 12179-04-3	215-540-4	N.D.
32	^③ Tetraboron disodium heptaoxide, hydrate*****	12267-73-1	235-541-3	N.D.
33	*Sodium chromate ^④	7775-11-3	231-889-5	N.D.
34	*Potassium chromate ^⑤	7789-00-6	232-140-5	N.D.
35	*Ammonium dichromate ^⑥	7789-09-5	232-143-1	N.D.



No.	Substance Name(s)	CAS No.	EC No.	Concentration(%)
				1 ^{##}
36	*Potassium dichromate ^③	7778-50-9	231-906-6	N.D.
37	*Cobalt(II) sulphate	10124-43-3	233-334-2	N.D.
38	*Cobalt(II) dinitrate	10141-05-6	233-402-1	N.D.
39	*Cobalt(II) carbonate	513-79-1	208-169-4	N.D.
40	*Cobalt(II) diacetate	71-48-7	200-755-8	N.D.
41	2-Methoxyethanol	109-86-4	203-713-7	N.D.
42	2-Ethoxyethanol	110-80-5	203-804-1	N.D.
43	*Chromium trioxide ^③	1333-82-0	215-607-8	N.D.
44	*Acids generated from chromium trioxide and their oligomers: Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid ^③	7738-94-5, 13530-68-2	231-801-5, 236-881-5	N.D.
45	2-ethoxyethyl acetate	111-15-9	203-839-2	N.D.
46	*Strontium chromate	7789-06-2	232-142-6	N.D.
47	^① 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	271-084-6	N.D.
48	Hydrazine	7803-57-8 302-01-2	206-114-9	N.D.
49	1-methyl-2-pyrrolidone	872-50-4	212-828-1	N.D.
50	1,2,3-trichloropropane	96-18-4	202-486-1	N.D.
51	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich ^①	71888-89-6	276-158-1	N.D.
52	*Dichromium tris(chromate)	24613-89-6	246-356-2	N.D.
53	*Potassium hydroxyoctaoxodizincatedichromate	11103-86-9	234-329-8	N.D.
54	*Pentazinc chromate octahydroxide	49663-84-5	256-418-0	N.D.
55	^② Aluminosilicate Refractory Ceramic Fibres (RCF) **	-	-	N.D.
56	^② Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF) **	-	-	N.D.
57	Formaldehyde, oligomeric reaction products with aniline (technical MDA) ^①	25214-70-4	500-036-1	N.D.
58	Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6	N.D.
59	2-Methoxyaniline (o-Anisidine)	90-04-0	201-963-1	N.D.
60	4-(1,1,3,3-tetramethylbutyl)phenol (4-tert-Octylphenol)	140-66-9	205-426-2	N.D.
61	1,2-Dichloroethane	107-06-2	203-458-1	N.D.
62	Bis(2-methoxyethyl) ether	111-96-6	203-924-4	N.D.
63	*Arsenic acid	7778-39-4	231-901-9	N.D.
64	*Calcium arsenate	7778-44-1	231-904-5	N.D.
65	*Trilead diarsenate	3687-31-8	222-979-5	N.D.
66	N,N-dimethylacetamide (DMAC)	127-19-5	204-826-4	N.D.
67	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	202-918-9	N.D.
68	Phenolphthalein	77-09-8	201-004-7	N.D.



No.	Substance Name(s)	CAS No.	EC No.	Concentration(%)
				1 ^{##}
69	*Lead diazide	13424-46-9	236-542-1	N.D.
70	*Lead 2,4,6-trinitro-m-phenylene dioxide (Lead styphnate)	15245-44-0	239-290-0	N.D.
71	*Lead dipicrate	6477-64-1	229-335-2	N.D.
72	*Diboron trioxide	1303-86-2	215-125-8	N.D.
73	Formamide	75-12-7	200-842-0	N.D.
74	*Lead(II) bis methanesulfonate	17570-76-2	401-750-5	N.D.
75	TGIC(1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	2451-62-9	219-514-3	N.D.
76	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	423-400-0	N.D.
77	4,4'-bis(dimethylamino) benzophenone (Michler's ketone) ^④	90-94-8	202-027-5	N.D.
78	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base) ^④	101-61-1	202-959-2	N.D.
79	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride(C.I. Basic Violet 3)	548-62-9	208-953-6	N.D.
80	[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	219-943-6	N.D.
81	α,α -Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0	229-851-8	N.D.
82	4,4'-bis(dimethylamino)-4''-(methylamino) trityl alcohol	561-41-1	209-218-2	N.D.
83	1,2-bis(2-methoxyethoxy)ethane	112-49-2	203-977-3	N.D.
84	1,2-dimethoxyethane;ethylene glycol dimethyl ether	110-71-4	203-794-9	N.D.
85	Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5	214-604-9	N.D.
86	Pentacosafu orotridecanoic acid	72629-94-8	276-745-2	N.D.
87	Tricosafuorododecanoic acid	307-55-1	206-203-2	N.D.
88	Henicosafuoroundecanoic acid	2058-94-8	218-165-4	N.D.
89	Heptacosafuorotetradecanoic acid	376-06-7	206-803-4	N.D.
90	4-(1,1,3,3-tetramethylbutyl) phenol, ethoxylated - covering well-defined substances and UVCB substances, polymers and Homologues	-	-	N.D.



No.	Substance Name(s)	CAS No.	EC No.	Concentration(%)
				1 ^{##}
91	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.
92	Diazene- 1,2- dicarboxami (C,C'-azodi(formamide))	123-77-3	204-650-8	N.D.
93	Cyclohexan e-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA)	85-42-7, 13149-00-3, 14166-21-3	201-604-9, 236-086-3, 238-009-9	N.D.
94	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	247-094-1, 243-072-0, 256-356-4, 260-566-1	N.D.
95	Methoxy acetic acid	625-45-6	210-894-6	N.D.
96	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2	N.D.
97	Diisopentylphthalate (DIPP)	605-50-5	210-088-4	N.D.
98	N-pentyl-isopentylphthalate	776297-69-9	-	N.D.
99	1,2-Diethoxyethane	629-14-1	211-076-1	N.D.
100	N,N-dimethylformamide; dimethyl formamide	68-12-2	200-679-5	N.D.
101	Dibutyltin dichloride (DBT)	683-18-1	211-670-0	N.D.
102	Acetic acid, lead salt, basic	51404-69-4	257-175-3	N.D.
103	Basic lead carbonate (trilead bis(carbonate)dihydroxide)	1319-46-6	215-290-6	N.D.
104	Lead oxide sulfate (basic lead sulfate)	12036-76-9	234-853-7	N.D.
105	[Phthalato(2-)]dioxotrilead (dibasic lead phthalate)	69011-06-9	273-688-5	N.D.
106	Dioxobis(stearato)trilead	12578-12-0	235-702-8	N.D.
107	Fatty acids, C16-18, lead salts	91031-62-8	292-966-7	N.D.
108	Lead bis(tetrafluoroborate)	13814-96-5	237-486-0	N.D.
109	Lead cyanamide	20837-86-9	244-073-9	N.D.
110	Lead dinitrate	10099-74-8	233-245-9	N.D.
111	Lead oxide (lead monoxide)	1317-36-8	215-267-0	N.D.
112	Lead tetroxide (orange lead)	1314-41-6	215-235-6	N.D.
113	Lead titanium trioxide	12060-00-3	235-038-9	N.D.
114	Lead Titanium Zirconium Oxide	12626-81-2	235-727-4	N.D.
115	Pentalead tetraoxide sulphate	12065-90-6	235-067-7	N.D.
116	Pyrochlore, antimony lead yellow	8012-00-8	232-382-1	N.D.
117	Silicic acid, barium salt, lead-doped	68784-75-8	272-271-5	N.D.
118	Silicic acid, lead salt	11120-22-2	234-363-3	N.D.



No.	Substance Name(s)	CAS No.	EC No.	Concentration(%)
				1 ^{##}
119	Sulfurous acid, lead salt, dibasic	62229-08-7	263-467-1	N.D.
120	Tetraethyllead	78-00-2	201-075-4	N.D.
121	Tetralead trioxide sulphate	12202-17-4	235-380-9	N.D.
122	Trilead dioxo dephosphonate	12141-20-7	235-252-2	N.D.
123	Furan	110-00-9	203-727-3	N.D.
124	Propylene oxide; 1,2-epoxypropane; methyloxirane	75-56-9	200-879-2	N.D.
125	Diethyl sulphate	64-67-5	200-589-6	N.D.
126	Dimethyl sulphate	77-78-1	201-058-1	N.D.
127	3-ethyl-2-methyl-2-(3-methylbutyl)- 1,3-oxazolidine	143860-04-2	421-150-7	N.D.
128	Dinoseb	88-85-7	201-861-7	N.D.
129	4,4'-methylenedi-o-toluidine	838-88-0	212-658-8	N.D.
130	4,4'-oxydianiline and its salts	101-80-4	202-977-0	N.D.
131	4-Aminoazobenzene; 4-Phenylazoaniline	60-09-3	200-453-6	N.D.
132	4-methyl-m-phenylenediamine (2,4-toluene-diamine)	95-80-7	202-453-1	N.D.
133	6-methoxy-m-toluidine (p-cresidine)	120-71-8	204-419-1	N.D.
134	Biphenyl-4-ylamine	92-67-1	202-177-1	N.D.
135	o-amino azotoluene	97-56-3	202-591-2	N.D.
136	o-Toluidine; 2-Aminotoluene	95-53-4	202-429-0	N.D.
137	N-methylacetamide	79-16-3	201-182-6	N.D.
138	1-br omopr opane; n-propyl bromide	106-94-5	203-445-0	N.D.
139	Cadmium [Ⓢ]	7440-43-9	231-152-8	N.D.
140	Cadmium oxide [Ⓢ]	3825-26-1	223-320-4	N.D.
141	Dipentyl phthalate(DPP)	335-67-1	206-397-9	N.D.
142	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]	131-18-0	205-017-9	N.D.
143	Ammonium pentadecafluorooctanoate (APFO)	1306-19-0	215-146-2	N.D.
144	Pentadecafluorooctanoic acid (PFOA)	-	-	N.D.
145	Cadmium sulphide [Ⓢ]	1306-23-6	215-147-8	N.D.
146	Dihexyl phthalate	84-75-3	201-559-5	N.D.
147	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphth alene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	209-358-4	N.D.



No.	Substance Name(s)	CAS No.	EC No.	Concentration(%)
				1 ^{##}
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	217-710-3	N.D.
149	Imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7	202-506-9	N.D.
150	Lead di(acetate)	301-04-2	206-104-4	N.D.
151	Trixylyl phosphate	25155-23-1	246-677-8	N.D.
152	Cadmium chloride ^①	10108-64-2	233-296-7	N.D.
153	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear(DIHP)	68515-50-4	271-093-5	N.D.
154	Sodium peroxometaborate	7632-04-4	231-556-4	N.D.
155	Sodium perborate; perboric acid, sodium salt	-	239-172-9; 234-390-0	N.D.
156	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	247-384-8	N.D.
157	2-(2'-Hydroxy-3',5'-di-tert-butylphenyl)benzotriazole (UV-320)	3846-71-7	223-346-6	N.D.
158	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetra decanoate; DOTE	15571-58-1	239-622-4	N.D.
159	Cadmium fluoride	7790-79-6	232-222-0	N.D.
160	Cadmium sulphate	10124-36-4; 31119-53-6	233-331-6	N.D.
161	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetra decanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-oct yl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	-	-	N.D.
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	271-094-0 272-013-1	N.D.
163	-5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methy 1-1,3-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]	-----	-----	N.D.
164	Nitrobenzene	98-95-3	202-716-0	N.D.



No.	Substance Name(s)	CAS No.	EC No.	Concentration(%)
				1 ^{##}
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	223-383-8	N.D.
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	253-037-1	N.D.
167	1,3-propanesultone	1120-71-4	214-317-9	N.D.
168	Perfluorononan-1-oic acid (2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptafluorononanoic acid and its sodium and ammonium salts)	375-95-1	206-801-3	N.D.
		21049-39-8		
		4149-60-4		
169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	200-028-5	N.D.
170	4,4'-isopropylidenediphenol Bisphenol A; BPA	80-05-7	201-245-8	N.D.
171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts Ammonium nonadecafluorodecanoate Nonadecafluorodecanoic acid Decanoic acid, nonadecafluoro-, sodium salt	3108-42-7	221-470-5	N.D.
		335-76-2	206-400-3	
		3830-45-3	-----	
172	4-heptylphenol, branched and linear substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly 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.
173	p-(1,1-dimethylpropyl)phenol	80-46-6	201-280-9	N.D.

Note:

- MDL = Method Detection Limit, N.D. = Not Detected (<report limit)
- w/w = weight by weight; 0.1% = 1000 mg/kg = 1000 ppm
- PBT= Persistent,Bioaccumulative, Toxic; vPvB=very Persistent very Bioaccumulative
- ▲= An equivalent level of concern as exerted by CMR or, PBT/vPvB substances.
- *: Concentration value of Cobalt dichloride; Diarsenic pentaoxide; Diarsenic trioxide; Sodium dichromate; Lead hydrogen arsenate; Triethyl arsenate; Strontium chromate; Sodium chromate; Potassium chromate; Ammonium dichromate; Potassium dichromate; Cobalt(II) sulphate; Cobalt(II) dinitrate; Cobalt(II) carbonate; Cobalt(II) diacetate; Chromium trioxide; Chromic acid,Dichromic acid, and Oligomers of chromic acid and dichromic acid; Dichromium tris(chromate);Potassium hydroxyoctaoxidizincatedichromate; Pentazine chromate octahydroxide; Calcium arsenate; Trilead diarsenate; Arsenic acid; Lead diazide; Lead 2,4,6-trinitro-m-phenylene dioxide (Lead styphnate); Lead dipicrate; Diboron trioxide; Lead(II) bismethanesulfonate by the conversion from the test results of certain elements. Concentration value of Bis(tributyltin)oxide by the conversion from the test results of Tributyl Tins.
- ** All refractory ceramic fibres are covered by index number 650-017-00-8 in Annex VI of the Regulation on Classification, Labeling and Packaging of chemical substances and mixtures, the so called CLP Regulation (Regulation (EC) No 1272/2008).
- ***: C.I.: Colour Index



8-****: Light fractions from distillation

9-****: Concentration value of Disodium tetraborate, anhydrous and Tetraboron disodium heptaoxide, hydrate is evaluated by Disodium tetraborate, with no consider of the hydrate.

10-^①: In view of the substances are established as UVCB substances (substances of unknown or variable composition, complex reaction products or biological materials) consisting of different and variable constituents, the test results are calculated based on the main constituents of the representative compounds for substances.

11-^②: In view of the substance contain variable substances, the test results are calculated based on main constituents of the representative compounds for the substances, and the test results of the representative compounds are calculated based on the result of specified heavy metal elements.

12-^③: Concentration value of Boric acid; Disodium tetraborate, anhydrous; Tetraboron disodium heptaoxide, hydrate are calculated by the conversion from the test results of certain elements and confirmed by appropriate solvent extraction, meanwhile the book of materials is suggested to be checked for further confirmation.

13-^④: The substance does only fulfil the criteria of REACH Art. 57 (a) if it contains Michler's ketone (EC Number: 202-027-5) or Michler's base (EC Number: 202-959-2) in a concentration $\geq 0.1\%$ (weight / weight).

14-[#]: Converted concentration of substance equal to or higher than report limit, the presence of the substance in the sample need further to be confirmed by checking MSDS or requesting from suppliers.

15-^{##}: Mixed test was requested by the client, the test results do not represent the individual content of single material, the test data are for reference only.

Appendix:

1. Any supplier of an article containing a substance that is included in the Candidate List in a concentration above 0,1 % weight by weight (w/w) has the duty to communicate information in accordance with Article 33 of European Union regulation concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).

1) Any supplier shall provide the recipient of the article with sufficient information to allow safe use of the article including, as a minimum, the name of that substance.

2) On request by a consumer any supplier shall provide the consumer with sufficient information to allow safe use of the article including, as a minimum, the name of that substance within 45 days of receipt of the request, free of charge.

2. The supplier of a substance that is included in the Candidate List on their own shall provide the recipient of the substance with a safety data sheet for free compiled in accordance with Article 3 and Annex II of REACH.

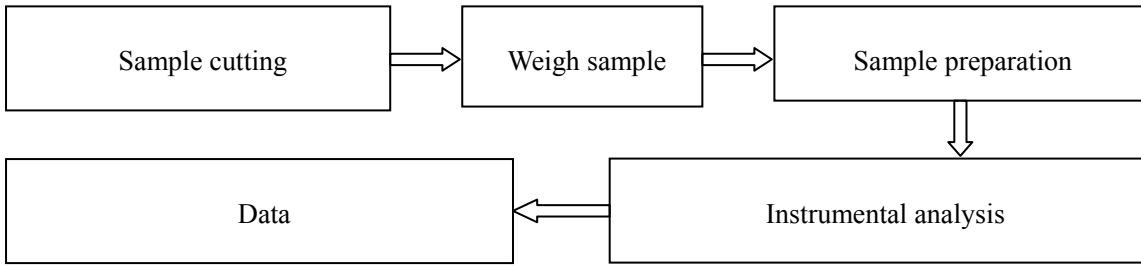
3. The supplier of a mixture that containing a substance that is included in the Candidate List shall exchange information in accordance with Article 31, Article 32, and Annex II of REACH.

1) Any supplier shall provide the recipient of the mixture with a safety data sheet for free where a preparation meets the criteria for classification as dangerous in accordance with Directives 1999/45/EC.

2) Any supplier shall provide the recipient of the mixture with a safety data sheet for free where a preparation does not meet the criteria for classification as dangerous in accordance with Directive 1999/45/EC, but contains any substance that is included in the Candidate List in an individual concentration of $\geq 0.1\%$ by weight for non-gaseous mixtures or $\geq 0.2\%$ by volume for gaseous mixtures.



Test Process:



List of apparatus:

No.	Name	Model	Calibration Valid Date	USE(√)
1	ICP-OES	VISTA-MPX	2017/07/24	√
2	GC-MS	5975i	2017/07/24	√
3	UV-Vis	LAMBDA 25	2017/05/22	√
4	HPLC	1260Infinity	2018/03/06	√

***** END OF REPORT *****

STATEMENT

1. The test report is invalid without stamp of laboratory.
2. The test report is invalid without signature of person(s) testing and authorizing.
3. The test report is invalid if erased and corrected.
4. Test results of the report is valid to the test samples if sampling by client.
5. “☆” item to be outside the scope of authorized by CNAS.
6. The test report shall not be reproduced except in full, without written approval of the laboratory.
7. If there is any objection to report, the client should inform issuing laboratory within 15 days from the date of receiving test report.