

NO.: MTHN19080153

# TEST REPORT

**Customer** : SHENZHEN MARK TRADING CO., LTD.  
**Address** : 6th Floor, Building A, DongFangYaYuan, Chen Tian communities, Xixiang Bao'an District, Shenzhen, China

**Report on the submitted sample said to be:**  
**Sample name** : Wired gaming mouse  
**Model name** : G958, M\*\*\*(\*\*stand for 0-9), G\*\*\*(\*\*stand for 0-9), M\*\*\*G(\*\*stand for 0-9), M\*\*\*H(\*\*stand for 0-9), G\*\*\*H(\*\*stand for 0-9), GM-\*\*\*(\*\*stand for 0-9), GM-\*\*\*G(\*\*stand for 0-9), MO-\*\*\*(\*\*stand for 0-9), GM-\*\*\*(\*\*stand for 0-9)

**Item/Lot No.** : --  
**Material** : --  
**Trademark** : MARVO,XTRIKE ME, @ONE  
**Buyer** : --  
**Supplier** : --

**Manufacturer** : SHENZHEN MARK TRADING CO., LTD.  
**Address** : 6th Floor, Building A, DongFangYaYuan, Chen Tian communities, Xixiang Bao'an District, Shenzhen, China

**Factory** : SHENZHEN MARK TRADING CO., LTD.  
**Address** : 6th Floor, Building A, DongFangYaYuan, Chen Tian communities, Xixiang Bao'an District, Shenzhen, China

**Date of receipt of test item:** 2019-08-08  
**Date (s) of performance of tests:** 2019-08-08 to 2019-08-13

**Test Request :** One hundred and ninety-seven ( 197 ) substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) on and before June 15 2017 regarding regulation (EC) No 1907/2006 concerning the REACH.

**Test Results** : Please refer to next page(s)  
**Test Method** : Please refer to next page(s)

**Signed for shenzhen Most Technology Service Co., Limited**

Written by: Ann Inspected by: Jack Chan  
Approved by: Yetter



NO.: MTHN19080153

**Results:**

Test Portions:

(1) =Mixture of nonmetal Parts

(2) =Mixture of Metal Parts

Total =Calculated Mixture of (1) and (2)

**A 、 One hundred and ninety-seven (197) substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) on - (EC) No 1907/2006 concerning the REACH**

Test method: With reference to in- house method, DTI-SVHC-001, DTI-SVHC-002, DTI- SVHC-003 DTI-SVHC-004, DTI-SVHC-005, Analysis is performed by ICP-AES, UV-VIS, GC/MS, HPLC/MS and IC

Test Report:

No.	Items	CAS No.	EC No.	RL(%)	Results(%)	
					(1)	(2)
1	Anthracene (ANT)	120-12-7	204-371-1	0.005	N.D.	N.D.
2	4,4'-Diaminodiphenylmethane	101-77-9	202-974-4	0.005	N.D.	N.D.
3	Dibutyl Phthalate (DBP)	84-74-2	201-557-4	0.005	N.D.	N.D.
4	Cobalt Dichloride (CoCl <sub>2</sub> )*	7646-79-9	231-589-4	0.01	N.D.	N.D.
5	Diarsenic Pentoxide(As <sub>2</sub> O <sub>5</sub> )*	1303-28-2	215-116-9	0.01	N.D.	N.D.
6	Diarsenic Trioxide(As <sub>2</sub> O <sub>3</sub> )*	1327-53-3	215-481-4	0.01	N.D.	N.D.
7	Sodium Dichromate, Dihydrate*	7789-12-0, 10588-01-9	234-190-3	0.01	N.D.	N.D.
8	5-tert-butyl-2,4,6-trinitro-m-xylene(musk xylene)	81-15-2	201-329-4	0.005	N.D.	N.D.
9	Bis-(2-ethyl(hexyl) Phthalate (DEHP)	117-81-7	204-211-0	0.005	N.D.	N.D.
10	Hexabromocyclododecane (HBCDD)	25637-99-4 & 3194-55-6	247-148-4 221-695-9	0.005	N.D.	N.D.
11	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) (SCCP)	85535-84-8	287-476-5	0.01	N.D.	N.D.
12	Bis(tributyltin)oxide (TBTO)*	56-35-9	200-268-0	0.005	N.D.	N.D.
13	Lead Hydrogen Arsenate*	7784-40-9	232-064-2	0.01	N.D.	N.D.
14	Benzyl Butyl Phthalate (BBP)	85-68-7	201-622-7	0.05	N.D.	N.D.
15	Triethyl Arsenate*	15606-95-8	427-700-2	0.01	N.D.	N.D.
16	①Anthracene oil	90640-80-5	292-602-7	0.05	N.D.	N.D.
17	①Anthracene oil , anthracene paste, distn . Lights	91995-17-4	295-278-5	0.05	N.D.	N.D.
18	①Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9	0.05	N.D.	N.D.
19	①Anthracene oil, anthracene-low	90640-82-7	292-604-8	0.05	N.D.	N.D.

Test Report:

No.	Items	CAS No.	EC No.	RL(%)	Results(%)	
					(1)	(2)
20	① Anthracene oil, anthracene paste	90640-81-6	292-603-2	0.05	N.D.	N.D.
21	Diisobutyl phthalate	84-69-5	201-553-2	0.005	N.D.	N.D.
22	2,4-Dinitrotoluene	121-14-2	204-450-0	0.01	N.D.	N.D.
23	① Coal tar pitch, high temperature***	65996-93-2	266-028-2	0.05	N.D.	N.D.
24	Tris (2-chloroethyl) phosphate	115-96-8	204-118-5	0.01	N.D.	N.D.
25	② Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	215-693-7	0.05	N.D.	N.D.
26	② Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	12656-85-8	235-759-9	0.05	N.D.	N.D.
27	② Lead chromate: chrome yellow	7758-97-6	231-846-0	0.05	N.D.	N.D.
28	Acrylamide	79-06-1	201-173-7	0.01	N.D.	N.D.
29	Trichloroethylene	79-01-6	201-167-4	0.005	N.D.	N.D.
30	③ Boric acid *	10043-35-3; 11113-50-1	233-139-2; 234-343-4	0.01	N.D.	N.D.
31	③ Disodium tetraborate, anhydrous	1330-43-4; 12179-04-3; 1303-96-4	215-540-4	0.01	N.D.	N.D.
32	③ Tetraboron disodium heptaoxide, hydrate	12267-73-1	235-541-3	0.01	N.D.	N.D.
33	Sodium chromate *	7775-11-3	231-889-5	0.01	N.D.	N.D.
34	Potassium chromate*	7789-00-6	232-140-5	0.01	N.D.	N.D.
35	Ammonium dichromate*	7789-09-5	232-143-1	0.01	N.D.	N.D.
36	Potassium dichromate	7778-50-9	231-906-6	0.01	N.D.	N.D.
37	Cobalt(II) sulphate *	10124-43-3	233-334-2	0.01	N.D.	N.D.
38	Cobalt(II) dinitrate*	10141-05-6	233-402-1	0.01	N.D.	N.D.

Test Report:

No.	Items	CAS No.	EC No.	RL(%)	Results(%)	
					(1)	(2)
39	Cobalt(II) carbonate*	513-79-1	208-169-4	0.01	N.D.	N.D.
40	Cobalt(II) diacetate*	71-48-7	200-755-8	0.01	N.D.	N.D.
41	2-Methoxyethanol	109-86-4	203-713-7	0.005	N.D.	N.D.
42	2-Ethoxyethanol	110-80-5	203-804-1	0.005	N.D.	N.D.
43	Chromium trioxide*	1333-82-0	215-607-8	0.01	N.D.	N.D.
44	Chromic acid* Dichromic acid*	7738-94-5 13530-68-2	231-801-5 236-881-5	0.01	N.D.	N.D.
45	1,2,3-trichloropropane	96-18-4	202-486-1	0.01	N.D.	N.D.
46	Strontium chromate*	7789-06-2	232-142-6	0.01	N.D.	N.D.
47	2-ethoxyethyl acetate	111-15-9	203-839-2	0.01	N.D.	N.D.
48	① 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	271-084-6	0.01	N.D.	N.D.
49	Hydrazine	7803-57-8 302-01-2	206-114-9	0.01	N.D.	N.D.
50	1-methyl-2-pyrrolidone	872-50-4	212-828-1	0.01	N.D.	N.D.
51	① 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	276-158-1	0.01	N.D.	N.D.
52	Dichromium tris(chromate)*	24613-89-6	246-356-2	0.01	N.D.	N.D.
53	Potassium hydroxyoctaoxidizincatedi-chromate *	11103-86-9	234-329-8	0.01	N.D.	N.D.
54	Pentazinc chromate octahydroxide	49663-84-5	256-418-0	0.01	N.D.	N.D.
55	② Aluminosilicate Refractory Ceramic Fibres (Al-RCF)**	-	-	0.05	N.D.	N.D.

Test Report:

No.	Items	CAS No.	EC No.	RL(%)	Results(%)	
					(1)	(2)
56	② Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)**	-	-	0.05	N.D.	N.D.
57	④ Formaldehyde, oligomeric reaction products with aniline (technical MDA)▲	25214-70-4	500-036-1	0.01	N.D.	N.D.
58	Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6	0.005	N.D.	N.D.
59	2-Methoxyaniline; o-Anisidine	90-04-0	201-963-1	0.005	N.D.	N.D.
60	4-(1,1,3,3-tetramethylbutyl) phenol, (4-tert-Octylphenol)	140-66-9	205-426-2	0.005	N.D.	N.D.
61	1,2-Dichloroethane	107-06-2	203-458-1	0.005	N.D.	N.D.
62	Bis (2-methoxyethyl) ether	111-96-6	203-924-4	0.005	N.D.	N.D.
63	Arsenic acid *	7778-39-4	231-901-9	0.01	N.D.	N.D.
64	Calcium arsenate*	7778-44-1	231-904-5	0.01	N.D.	N.D.
65	Trilead diarsenate*	3687-31-8	222-979-5	0.01	N.D.	N.D.
66	N,N-dimethylacetamide (DMAC)	127-19-5	204-826-4	0.005	N.D.	N.D.
67	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	202-918-9	0.005	N.D.	N.D.
68	Phenolphthalein	77-09-8	201-004-7	0.005	N.D.	N.D.
69	Lead azide Lead diazide*	13424-46-9	236-542-1	0.01	N.D.	N.D.
70	Lead styphnate*	15245-44-0	239-290-0	0.01	N.D.	N.D.
71	Lead dipicrate*	6477-64-1	229-335-2	0.01	N.D.	N.D.
72	1,2-bis(2-methoxyethoxy) ethane (TEGDME; triglyme)	112-49-2	203-977-3	0.01	N.D.	N.D.
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9	0.01	N.D.	N.D.

Test Report:

No.	Items	CAS No.	EC No.	RL(%)	Results(%)	
					(1)	(2)
74	③ Diboron trioxide**	1303-86-2	215-125-8	0.01	N.D.	N.D.
75	Formamide	75-12-7	200-842-0	0.01	N.D.	N.D.
76	Lead(II) bis(methanesulfonate) **	17570-76-2	401-750-5	0.01	N.D.	N.D.
77	(1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	2451-62-9	219-514-3	0.01	N.D.	N.D.
78	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	0.01	N.D.	N.D.
79	4,4'-bis(dimethylamino) benzophenone (Michler's ketone)	90-94-8	202-027-5	0.01	N.D.	N.D.
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	202-959-2	0.01	N.D.	N.D.
81	[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	0.05	N.D.	N.D.
82	[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	0.05	N.D.	N.D.
83	α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino) naphthalene - 1-methanol (C.I. Solvent Blue 4)***	6786-83-0	229-851-8	0.05	N.D.	N.D.
84	4,4'-bis(dimethylamino)-4''-(methylamino) trityl alcohol	561-41-1	209-218-2	0.05	N.D.	N.D.
85	Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5	214-604-9	0.05	N.D.	N.D.
86	Pentacosafuorotridecanoic acid	72629-94-8	276-745-2	0.05	N.D.	N.D.

Test Report:

No.	Items	CAS No.	EC No.	RL(%)	Results(%)	
					(1)	(2)
87	Tricosafuorododecanoic acid	307-55-1	206-203-2	0.05	N.D.	N.D.
88	Henicosafuoroundecanoic acid	2058-94-8	218-165-4	0.05	N.D.	N.D.
89	Heptacosafuorotetradecanoic acid	376-06-7	206-803-4	0.05	N.D.	N.D.
90	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated -covering well-defined substances and UVCB substances, polymers and homologues	-	-	0.05	N.D.	N.D.
91	① 4-Nonylphenol, branched and linear substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the Individual isomers or a combination thereof	-	-	0.05	N.D.	N.D.
92	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8	0.05	N.D.	N.D.
93	Cyclohexane-1,2-dicarboxylic anhydride cis-cyclohexane-1,2-dicarboxylic anhydride, trans-cyclohexane-1,2-dicarboxylic anhydride	85-42-7 13149-00-3 14166-21-3	201-604-9 236-086-3 238-009-9	0.05	N.D.	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	0.05	N.D.	N.D.



Test Report:

No.	Items	CAS No.	EC No.	RL(%)	Results(%)	
					(1)	(2)
95	Methoxy acetic acid	625-45-6	210-894-6	0.05	N.D.	N.D.
96	<sup>①</sup> 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2	0.01	N.D.	N.D.
97	Diisopentylphthalate (DIPP)	605-50-5	210-088-4	0.005	N.D.	N.D.
98	N-pentyl-isopentylphthalate	776297-69-9	-	0.005	N.D.	N.D.
99	1,2-Diethoxyethane	629-14-1	211-076-1	0.05	N.D.	N.D.
100	N,N-dimethylformamide; dimethyl formamide	68-12-2	200-679-5	0.05	N.D.	N.D.
101	Dibutyltin dichloride (DBT)	683-18-1	211-670-0	0.05	N.D.	N.D.
102	Acetic acid, lead salt, basic	51404-69-4	257-175-3	0.01	N.D.	N.D.
103	Basic lead carbonate (trilead bis(carbonate)dihydroxide)	1319-46-6	215-290-6	0.01	N.D.	N.D.
104	Lead oxide sulfate (basic lead sulfate)	12036-76-9	234-853-7	0.01	N.D.	N.D.
105	[Phthalato(2-)]dioxotrilead (dibasic lead phthalate)	69011-06-9	273-688-5	0.01	N.D.	N.D.
106	Dioxobis(stearato)trilead	12578-12-0	235-702-8	0.01	N.D.	N.D.
107	Fatty acids, C16-18, lead salts	91031-62-8	292-966-7	0.01	N.D.	N.D.
108	Lead bis(tetrafluoroborate)	13814-96-5	237-486-0	0.01	N.D.	N.D.
109	Lead cyanamidate	20837-86-9	244-073-9	0.01	N.D.	N.D.
110	Lead dinitrate	10099-74-8	233-245-9	0.01	N.D.	N.D.
111	Lead oxide (lead monoxide)	1317-36-8	215-267-0	0.01	N.D.	N.D.
112	Lead tetroxide (orange lead)	1314-41-6	215-235-6	0.01	N.D.	N.D.
113	Lead titanium trioxide	12060-00-3	235-038-9	0.01	N.D.	N.D.
114	Lead Titanium Zirconium Oxide	12626-81-2	235-727-4	0.01	N.D.	N.D.

Test Report:

No.	Items	CAS No.	EC No.	RL(%)	Results(%)	
					(1)	(2)
115	Pentalead tetraoxide sulphate	12065-90-6	235-067-7	0.01	N.D.	N.D.
116	Pyrochlore, antimony lead yellow C.I.***	8012-00-8	232-382-1	0.01	N.D.	N.D.
117	Silicic acid, barium salt, lead-doped	68784-75-8	272-271-5	0.01	N.D.	N.D.
118	Silicic acid, lead salt	11120-22-2	234-363-3	0.01	N.D.	N.D.
119	Sulfurous acid, lead salt, dibasic	62229-08-7	263-467-1	0.01	N.D.	N.D.
120	Tetraethyllead	78-00-2	201-075-4	0.01	N.D.	N.D.
121	Tetralead trioxide sulphate	12202-17-4	235-380-9	0.01	N.D.	N.D.
122	Trilead dioxide phosphonate	12141-20-7	235-252-2	0.01	N.D.	N.D.
123	Furan	110-00-9	203-727-3	0.05	N.D.	N.D.
124	Propylene oxide; 1,2-epoxypropane; methyloxirane	75-56-9	200-879-2	0.05	N.D.	N.D.
125	Diethyl sulphate	64-67-5	200-589-6	0.05	N.D.	N.D.
126	Dimethyl sulphate	77-78-1	201-058-1	0.05	N.D.	N.D.
127	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine3-	143860-04-2	421-150-7	0.05	N.D.	N.D.
128	Dinoseb	88-85-7	201-861-7	0.05	N.D.	N.D.
129	4,4'-methylenedi-o-toluidine	838-88-0	212-658-8	0.05	N.D.	N.D.
130	4,4'-oxydianiline and its salts	101-80-4	202-977-0	0.05	N.D.	N.D.
131	4-Aminoazobenzene; 4-Phenylazoaniline	60-09-3	200-453-6	0.05	N.D.	N.D.
132	4-methyl-m-phenylenediamine (2,4-toluene-diamine)	95-80-7	202-453-1	0.05	N.D.	N.D.
133	6-methoxy-m-toluidine (p-cresidine)	120-71-8	204-419-1	0.05	N.D.	N.D.

Test Report:

No.	Items	CAS No.	EC No.	RL(%)	Results(%)	
					(1)	(2)
134	Biphenyl-4-ylamine	92-67-1	202-177-1	0.05	N.D.	N.D.
135	o-aminoazotoluene	97-56-3	202-591-2	0.05	N.D.	N.D.
136	o-Toluidine; 2-Aminotoluene	95-53-4	202-429-0	0.05	N.D.	N.D.
137	N-methylacetamide	79-16-3	201-182-6	0.05	N.D.	N.D.
138	1-bromopropane; n-propyl bromide	106-94-5	203-445-0	0.05	N.D.	N.D.
139	Cadmium	7440-43-9	231-152-8	0.01	N.D.	N.D.
140	Cadmium oxide	1306-19-0	215-146-2	0.01	N.D.	N.D.
141	Ammonium pentadecafluorooctanoate	3825-26-1	223-320-4	0.01	N.D.	N.D.
142	Pentadecafluorooctanoic acid	335-67-1	206-397-9	0.01	N.D.	N.D.
143	Dipentyl phthalate	131-18-0	205-017-9	0.005	N.D.	N.D.
144	①4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB-and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof ]	/	/	0.05	N.D.	N.D.
145	Cadmium sulphide	1306-23-6	215-147-8	0.01	N.D.	N.D.
146	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)***	573-58-0	209-358-4	0.01	N.D.	N.D.

Test Report:

No.	Items	CAS No.	EC No.	RL(%)	Results(%)	
					(1)	(2)
147	38Disodium 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	0.01	N.D.	N.D.
148	Dihexyl phthalate(DHXP)	84-75-3	201-559-5	0.005	N.D.	N.D.
149	Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	202-506-9	0.01	N.D.	N.D.
150	Lead di(acetate)	301-04-2	206-104-4	0.01	N.D.	N.D.
151	① Trixylyl phosphate	25155-23-1	246-677-8	0.01	N.D.	N.D.
152	cadmium dichloride	10108-64-2	233-296-7	0.01	N.D.	N.D.
153	① 1,2-benzenedicarboxylic acid dihexyl ester branched and linear	68515-50-4	271-093-5	0.01	N.D.	N.D.
154	③ Sodium peroxometaborate	7632-04-4	231-556-4	0.01	N.D.	N.D.
155	③ Sodium perborate; perboric acid,sodium salt	/	239-172-9; 234-390-0	0.01	N.D.	N.D.
156	Cadmium fluoride	7790-79-6	232-222-0	0.01	N.D.	N.D.
157	Cadmium sulphate	10124-36-4; 31119-53-6	233-331-6	0.01	N.D.	N.D.
158	UV-320	3846-71-7	223-346-6	0.01	N.D.	N.D.
159	UV-328	25973-55-1	247-384-8	0.01	N.D.	N.D.
160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate(DOTE)	15571-58-1	239-622-4	0.05	N.D.	N.D.

Test Report:

No.	Items	CAS No.	EC No.	RL(%)	Results(%)	
					(1)	(2)
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	N.D.	N.D.
162	1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters; Di-n-hexyl phthalate (DnHP)	68515-51-5; 68648-93-1;	271-094-0; 272-013-1;	0.05	N.D.	N.D.
163	Karanal (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	N.D.	N.D.
164	1,3-propanesultone	1120-71-4	214-317-9	0.01	N.D.	N.D.
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (uv-327)	3864-99-1	223-383-8	0.01	N.D.	N.D.
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	253-037-1	0.01	N.D.	N.D.
167	Nitrobenzene	98-95-3	202-716-0	0.01	N.D.	N.D.
168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	206-801-3	0.01	N.D.	N.D.
169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	200-028-5	0.01	N.D.	N.D.

Test Report:

No.	Items	CAS No.	EC No.	RL(%)	Results(%)	
					(1)	(2)
170	4,4'-isopropylidenediphenol (bisphenol A)	80-05-7	201-245-8	0.01	N.D.	N.D.
171	nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	3108-42-7 335-76-2 3830-45-3	-- 206-400-3 221-470-5	0.01	N.D.	N.D.
172	4-tert-pentylphenol (PTAP)	80-46-6	201-280-9	0.01	N.D.	N.D.
173	4-heptylphenol, branched and linear (4-HPbl)	-	-	0.01	N.D.	N.D.
174	Perfluorohexane-1-sulphonic acid and its salts(PFHxS)	-	-	0.01	N.D.	N.D.
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-isomers or any combination thereof]	-	-	0.01	N.D.	N.D.
176	Benz[a]anthracene	56-55-3	200-280-6	0.01	N.D.	N.D.
177	Cadmium nitrate	10325-94-7	233-710-6	0.01	N.D.	N.D.
178	Cadmium carbonate	513-78-0	208-168-9	0.01	N.D.	N.D.
179	Cadmium hydroxide	21041-95-2	244-168-5	0.01	N.D.	N.D.
180	Chrysene	218-01-9	205-923-4	0.01	N.D.	N.D.
181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with ≥0.1% w/w 4-heptylphenol, branched and linear]	-	-	0.01	N.D.	N.D.
182	Benzene -1,2,4- tricarboxylic acid 1,2- anhydride (TMA)	552-30-7	209-008-0	0.01	N.D.	N.D.
183	Dicyclohexyl phthalate	84-61-7	201-545-9	0.01	N.D.	N.D.

Test Report:

No.	Items	CAS No.	EC No.	RL(%)	Results(%)	
					(1)	(2)
184	Octamethylcyclotetrasiloxane (D4)	556-67-2	209-136-7	0.01	N.D.	N.D
185	Decamethylcyclopentasiloxane (D5)	541-02-6	208-764-9	0.01	N.D.	N.D
186	Dodecamethylcyclohexasiloxane (D6)	540-97-6	208-762-8	0.01	N.D.	N.D
187	Lead	7439-92-1	231-100-4	0.01	N.D.	N.D
188	Disodium octaborate	12008-41-2	234-541-0	0.01	N.D.	N.D
189	Benzo[ghi]perylene	191-24-2	205-883-8	0.01	N.D.	N.D
190	Terphenyl hydrogenated	61788-32-7	262-967-7	0.01	N.D.	N.D
191	Ethylenediamine	107-15-3	203-468-6	0.01	N.D.	N.D
192	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	401-720-1	0.01	N.D.	N.D
193	Benzo[k]fluoranthene	207-08-9	205-916-6	0.01	N.D.	N.D
194	Fluoranthene	206-44-0	205-912-4	0.01	N.D.	N.D
195	Phenanthrene	85-01-8	201-581-5	0.01	N.D.	N.D
196	Pyrene	129-00-0	204-927-3	0.01	N.D.	N.D
197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor)	239-139-9	15087-24-8	0.01	N.D.	N.D

Test Report:

No.	Items	CAS No.	EC No.	RL(%)	Results (%)
					Total
1	Anthracene (ANT)	120-12-7	204-371-1	0.005	N.D.
2	4,4'-Diaminodiphenylmethane	101-77-9	202-974-4	0.005	N.D.
3	Dibutyl Phthalate (DBP)	84-74-2	201-557-4	0.005	N.D.
4	Cobalt Dichloride (CoCl <sub>2</sub> )*	7646-79-9	231-589-4	0.01	N.D.
5	Diarsenic Pentaoxide(As <sub>2</sub> O <sub>5</sub> )*	1303-28-2	215-116-9	0.01	N.D.
6	Diarsenic Trioxide(As <sub>2</sub> O <sub>3</sub> )*	1327-53-3	215-481-4	0.01	N.D.
7	Sodium Dichromate, Dihydrate*	7789-12-0, 10588-01-9	234-190-3	0.01	N.D.
8	5-tert-butyl-2,4,6-trinitro-m-xylene(musk xylene)	81-15-2	201-329-4	0.005	N.D.
9	Bis-(2-ethyl(hexyl) Phthalate (DEHP)	117-81-7	204-211-0	0.005	N.D.
10	Hexabromocyclododecane (HBCDD)	25637-99-4 & 3194-55-6	247-148-4 221-695-9	0.005	N.D.
11	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) (SCCP)	85535-84-8	287-476-5	0.01	N.D.
12	Bis(tributyltin)oxide (TBTO)*	56-35-9	200-268-0	0.005	N.D.
13	Lead Hydrogen Arsenate*	7784-40-9	232-064-2	0.01	N.D.
14	Benzyl Butyl Phthalate (BBP)	85-68-7	201-622-7	0.05	N.D.
15	Triethyl Arsenate*	15606-95-8	427-700-2	0.01	N.D.
16	① Anthracene oil	90640-80-5	292-602-7	0.05	N.D.
17	① Anthracene oil , anthracene paste, distn . Lights	91995-17-4	295-278-5	0.05	N.D.
18	① Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9	0.05	N.D.
19	① Anthracene oil, anthracene-low	90640-82-7	292-604-8	0.05	N.D.



Test Report:

No.	Items	CAS No.	EC No.	RL(%)	Results (%)
					Total
20	<sup>①</sup> Anthracene oil, anthracene paste	90640-81-6	292-603-2	0.05	N.D.
21	Diisobutyl phthalate	84-69-5	201-553-2	0.005	N.D.
22	2,4-Dinitrotoluene	121-14-2	204-450-0	0.01	N.D.
23	<sup>①</sup> Coal tar pitch, high temperature***	65996-93-2	266-028-2	0.05	N.D.
24	Tris (2-chloroethyl) phosphate	115-96-8	204-118-5	0.01	N.D.
25	<sup>②</sup> Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	215-693-7	0.05	N.D.
26	<sup>②</sup> Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	12656-85-8	235-759-9	0.05	N.D.
27	<sup>②</sup> Lead chromate: chrome yellow	7758-97-6	231-846-0	0.05	N.D.
28	Acrylamide	79-06-1	201-173-7	0.01	N.D.
29	Trichloroethylene	79-01-6	201-167-4	0.005	N.D.
30	<sup>③</sup> Boric acid *	10043-35-3; 11113-50-1	233-139-2; 234-343-4	0.01	N.D.
31	<sup>③</sup> Disodium tetraborate, anhydrous	1330-43-4; 12179-04-3; 1303-96-4	215-540-4	0.01	N.D.
32	<sup>③</sup> Tetraboron disodium heptaoxide, hydrate	12267-73-1	235-541-3	0.01	N.D.
33	Sodium chromate *	7775-11-3	231-889-5	0.01	N.D.
34	Potassium chromate*	7789-00-6	232-140-5	0.01	N.D.
35	Ammonium dichromate*	7789-09-5	232-143-1	0.01	N.D.
36	Potassium dichromate	7778-50-9	231-906-6	0.01	N.D.
37	Cobalt(II) sulphate *	10124-43-3	233-334-2	0.01	N.D.
38	Cobalt(II) dinitrate*	10141-05-6	233-402-1	0.01	N.D.

Test Report:

No.	Items	CAS No.	EC No.	RL(%)	Results (%)
					Total
39	Cobalt(II) carbonate*	513-79-1	208-169-4	0.01	N.D.
40	Cobalt(II) diacetate*	71-48-7	200-755-8	0.01	N.D.
41	2-Methoxyethanol	109-86-4	203-713-7	0.005	N.D.
42	2-Ethoxyethanol	110-80-5	203-804-1	0.005	N.D.
43	Chromium trioxide*	1333-82-0	215-607-8	0.01	N.D.
44	Chromic acid* Dichromic acid*	7738-94-5 13530-68-2	231-801-5 236-881-5	0.01	N.D.
45	1,2,3-trichloropropane	96-18-4	202-486-1	0.01	N.D.
46	Strontium chromate*	7789-06-2	232-142-6	0.01	N.D.
47	2-ethoxyethyl acetate	111-15-9	203-839-2	0.01	N.D.
48	① 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	271-084-6	0.01	N.D.
49	Hydrazine	7803-57-8 302-01-2	206-114-9	0.01	N.D.
50	1-methyl-2-pyrrolidone	872-50-4	212-828-1	0.01	N.D.
51	① 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	276-158-1	0.01	N.D.
52	Dichromium tris(chromate)*	24613-89-6	246-356-2	0.01	N.D.
53	Potassium hydroxyoctaoxodizinc catedi-chromate *	11103-86-9	234-329-8	0.01	N.D.
54	Pentazinc chromate octahydroxide	49663-84-5	256-418-0	0.01	N.D.
55	② Aluminosilicate Refractory Ceramic Fibres (Al-RCF)**	-	-	0.05	N.D.

Test Report:

No.	Items	CAS No.	EC No.	RL(%)	Results (%)
					Total
56	Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)**	-	-	0.05	N.D.
57	Formaldehyde, oligomeric reaction products with aniline (technical MDA)▲	25214-70-4	500-036-1	0.01	N.D.
58	Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6	0.005	N.D.
59	2-Methoxyaniline; o-Anisidine	90-04-0	201-963-1	0.005	N.D.
60	4-(1,1,3,3-tetramethylbutyl) phenol, (4-tert-Octylphenol)	140-66-9	205-426-2	0.005	N.D.
61	1,2-Dichloroethane	107-06-2	203-458-1	0.005	N.D.
62	Bis (2-methoxyethyl) ether	111-96-6	203-924-4	0.005	N.D.
63	Arsenic acid *	7778-39-4	231-901-9	0.01	N.D.
64	Calcium arsenate*	7778-44-1	231-904-5	0.01	N.D.
65	Trilead diarsenate*	3687-31-8	222-979-5	0.01	N.D.
66	N,N-dimethylacetamide (DMAC)	127-19-5	204-826-4	0.005	N.D.
67	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	202-918-9	0.005	N.D.
68	Phenolphthalein	77-09-8	201-004-7	0.005	N.D.
69	Lead azide Lead diazide*	13424-46-9	236-542-1	0.01	N.D.
70	Lead styphnate*	15245-44-0	239-290-0	0.01	N.D.
71	Lead dipicrate*	6477-64-1	229-335-2	0.01	N.D.
72	1,2-bis(2-methoxyethoxy) ethane (TEGDME; triglyme)	112-49-2	203-977-3	0.01	N.D.
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9	0.01	N.D.

Test Report:

No.	Items	CAS No.	EC No.	RL(%)	Results (%)
					Total
74	③ Diboron trioxide**	1303-86-2	215-125-8	0.01	N.D.
75	Formamide	75-12-7	200-842-0	0.01	N.D.
76	Lead(II) bis(methanesulfonate) **	17570-76-2	401-750-5	0.01	N.D.
77	(1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	2451-62-9	219-514-3	0.01	N.D.
78	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	0.01	N.D.
79	4,4'-bis(dimethylamino) benzophenone (Michler's ketone)	90-94-8	202-027-5	0.01	N.D.
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	202-959-2	0.01	N.D.
81	[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	0.05	N.D.
82	[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	0.05	N.D.
83	α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino) naphthalene - 1-methanol (C.I. Solvent Blue 4)***	6786-83-0	229-851-8	0.05	N.D.
84	4,4'-bis(dimethylamino)-4''-(methylamino) trityl alcohol	561-41-1	209-218-2	0.05	N.D.
85	Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5	214-604-9	0.05	N.D.
86	Pentacosafuorotridecanoic acid	72629-94-8	276-745-2	0.05	N.D.

## Test Report:

No.	Items	CAS No.	EC No.	RL(%)	Results (%)
					Total
87	Tricosafuorododecanoic acid	307-55-1	206-203-2	0.05	N.D.
88	Henicosafuoroundecanoic acid	2058-94-8	218-165-4	0.05	N.D.
89	Heptacosafuorotetradecanoic acid	376-06-7	206-803-4	0.05	N.D.
90	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated -covering well-defined substances and UVCB substances, polymers and homologues	-	-	0.05	N.D.
91	① 4-Nonylphenol, branched and linear substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the Individual isomers or a combination thereof	-	-	0.05	N.D.
92	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8	0.05	N.D.
93	Cyclohexane-1,2-dicarboxylic anhydride cis-cyclohexane-1,2-dicarboxylic anhydride, trans-cyclohexane-1,2-dicarboxylic anhydride	85-42-7 13149-00-3 14166-21-3	201-604-9 236-086-3 238-009-9	0.05	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	0.05	N.D.

Test Report:

No.	Items	CAS No.	EC No.	RL(%)	Results (%)
					Total
95	Methoxy acetic acid	625-45-6	210-894-6	0.05	N.D.
96	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2	0.01	N.D.
97	Diisopentylphthalate (DIPP)	605-50-5	210-088-4	0.005	N.D.
98	N-pentyl-isopentylphthalate	776297-69-9	-	0.005	N.D.
99	1,2-Diethoxyethane	629-14-1	211-076-1	0.05	N.D.
100	N,N-dimethylformamide; dimethyl formamide	68-12-2	200-679-5	0.05	N.D.
101	Dibutyltin dichloride (DBT)	683-18-1	211-670-0	0.05	N.D.
102	Acetic acid, lead salt, basic	51404-69-4	257-175-3	0.01	N.D.
103	Basic lead carbonate (trilead bis(carbonate)dihydroxide)	1319-46-6	215-290-6	0.01	N.D.
104	Lead oxide sulfate (basic lead sulfate)	12036-76-9	234-853-7	0.01	N.D.
105	[Phthalato(2-)]dioxotrilead (dibasic lead phthalate)	69011-06-9	273-688-5	0.01	N.D.
106	Dioxobis(stearato)trilead	12578-12-0	235-702-8	0.01	N.D.
107	Fatty acids, C16-18, lead salts	91031-62-8	292-966-7	0.01	N.D.
108	Lead bis(tetrafluoroborate)	13814-96-5	237-486-0	0.01	N.D.
109	Lead cyanamidate	20837-86-9	244-073-9	0.01	N.D.
110	Lead dinitrate	10099-74-8	233-245-9	0.01	N.D.
111	Lead oxide (lead monoxide)	1317-36-8	215-267-0	0.01	N.D.
112	Lead tetroxide (orange lead)	1314-41-6	215-235-6	0.01	N.D.
113	Lead titanium trioxide	12060-00-3	235-038-9	0.01	N.D.
114	Lead Titanium Zirconium Oxide	12626-81-2	235-727-4	0.01	N.D.

Test Report:

No.	Items	CAS No.	EC No.	RL(%)	Results (%)
					Total
115	Pentalead tetraoxide sulphate	12065-90-6	235-067-7	0.01	N.D.
116	Pyrochlore, antimony lead yellow C.I.***	8012-00-8	232-382-1	0.01	N.D.
117	Silicic acid, barium salt, lead-doped	68784-75-8	272-271-5	0.01	N.D.
118	Silicic acid, lead salt	11120-22-2	234-363-3	0.01	N.D.
119	Sulfurous acid, lead salt, dibasic	62229-08-7	263-467-1	0.01	N.D.
120	Tetraethyllead	78-00-2	201-075-4	0.01	N.D.
121	Tetralead trioxide sulphate	12202-17-4	235-380-9	0.01	N.D.
122	Trilead dioxide phosphonate	12141-20-7	235-252-2	0.01	N.D.
123	Furan	110-00-9	203-727-3	0.05	N.D.
124	Propylene oxide; 1,2-epoxypropane; methyloxirane	75-56-9	200-879-2	0.05	N.D.
125	Diethyl sulphate	64-67-5	200-589-6	0.05	N.D.
126	Dimethyl sulphate	77-78-1	201-058-1	0.05	N.D.
127	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine3-	143860-04-2	421-150-7	0.05	N.D.
128	Dinoseb	88-85-7	201-861-7	0.05	N.D.
129	4,4'-methylenedi-o-toluidine	838-88-0	212-658-8	0.05	N.D.
130	4,4'-oxydianiline and its salts	101-80-4	202-977-0	0.05	N.D.
131	4-Aminoazobenzene; 4-Phenylazoaniline	60-09-3	200-453-6	0.05	N.D.
132	4-methyl-m-phenylenediamine (2,4-toluene-diamine)	95-80-7	202-453-1	0.05	N.D.
133	6-methoxy-m-toluidine (p-cresidine)	120-71-8	204-419-1	0.05	N.D.

Test Report:

No.	Items	CAS No.	EC No.	RL(%)	Results (%)
					Total
134	Biphenyl-4-ylamine	92-67-1	202-177-1	0.05	N.D.
135	o-aminoazotoluene	97-56-3	202-591-2	0.05	N.D.
136	o-Toluidine; 2-Aminotoluene	95-53-4	202-429-0	0.05	N.D.
137	N-methylacetamide	79-16-3	201-182-6	0.05	N.D.
138	1-bromopropane; n-propyl bromide	106-94-5	203-445-0	0.05	N.D.
139	Cadmium	7440-43-9	231-152-8	0.01	N.D.
140	Cadmium oxide	1306-19-0	215-146-2	0.01	N.D.
141	Ammonium pentadecafluorooctanoate	3825-26-1	223-320-4	0.01	N.D.
142	Pentadecafluorooctanoic acid	335-67-1	206-397-9	0.01	N.D.
143	Dipentyl phthalate	131-18-0	205-017-9	0.005	N.D.
144	① 4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB-and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof ]	/	/	0.05	N.D.
145	Cadmium sulphide	1306-23-6	215-147-8	0.01	N.D.
146	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis (azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)***	573-58-0	209-358-4	0.01	N.D.



Test Report:

No.	Items	CAS No.	EC No.	RL(%)	Results (%)
					Total
147	38Disodium 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	0.01	N.D.
148	Dihexyl phthalate(DHXP)	84-75-3	201-559-5	0.005	N.D.
149	Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	202-506-9	0.01	N.D.
150	Lead di(acetate)	301-04-2	206-104-4	0.01	N.D.
151	① Trixylyl phosphate	25155-23-1	246-677-8	0.01	N.D.
152	cadmium dichloride	10108-64-2	233-296-7	0.01	N.D.
153	① 1,2-benzenedicarboxylic acid dihexyl ester branched and linear	68515-50-4	271-093-5	0.01	N.D.
154	③ Sodium peroxometaborate	7632-04-4	231-556-4	0.01	N.D.
155	③ Sodium perborate; perboric acid,sodium salt	/	239-172-9; 234-390-0	0.01	N.D.
156	Cadmium fluoride	7790-79-6	232-222-0	0.01	N.D.
157	Cadmium sulphate	10124-36-4; 31119-53-6	233-331-6	0.01	N.D.
158	UV-320	3846-71-7	223-346-6	0.01	N.D.
159	UV-328	25973-55-1	247-384-8	0.01	N.D.
160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate(DOTE)	15571-58-1	239-622-4	0.05	N.D.

Test Report:

No.	Items	CAS No.	EC No.	RL(%)	Results (%)
					Total
161	Ⓢ Reaction mass of 2-ethylhexyl10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl10-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	N.D.
162	1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters; Di-n-hexyl phthalate (DnHP)	68515-51-5; 68648-93-1;	271-094-0; 272-013-1;	0.05	N.D.
163	Karanal(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	N.D.
164	1,3-propanesultone	1120-71-4	214-317-9	0.01	N.D.
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol(uv-327)	3864-99-1	223-383-8	0.01	N.D.
166	2-2(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	253-037-1	0.01	N.D.
167	Nitrobenzene	98-95-3	202-716-0	0.01	N.D.
168	Perfluorononan-1-oi-c-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	206-801-3	0.01	N.D.
169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	200-028-5	0.01	N.D.

Test Report:

No.	Items	CAS No.	EC No.	RL(%)	Results (%)
					Total
170	4,4'-isopropylidenediphenol (bisphenol A)	80-05-7	201-245-8	0.01	N.D.
171	nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	3108-42-7 335-76-2 3830-45-3	-- 206-400-3 221-470-5	0.01	N.D.
172	4-tert-pentylphenol (PTAP)	80-46-6	201-280-9	0.01	N.D.
173	4-heptylphenol, branched and linear (4-HPbl)	-	-	0.01	N.D.
174	Perfluorohexane-1-sulphonic acid and its salts(PFHxS)	-	-	0.01	N.D.
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-isomers or any combination thereof]	-	-	0.01	N.D.
176	Benz[a]anthracene	56-55-3	200-280-6	0.01	N.D.
177	Cadmium nitrate	10325-94-7	233-710-6	0.01	N.D.
178	Cadmium carbonate	513-78-0	208-168-9	0.01	N.D.
179	Cadmium hydroxide	21041-95-2	244-168-5	0.01	N.D.
180	Chrysene	218-01-9	205-923-4	0.01	N.D.
181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with ≥0.1% w/w 4-heptylphenol, branched and linear]	-	-	0.01	N.D.
182	Benzene -1,2,4- tricarboxylic acid 1,2- anhydride (TMA)	552-30-7	209-008-0	0.01	N.D.
183	Dicyclohexyl phthalate	84-61-7	201-545-9	0.01	N.D.

Test Report:

No.	Items	CAS No.	EC No.	RL(%)	Results (%)
					Total
184	Octamethylcyclotetrasiloxane (D4)	556-67-2	209-136-7	0.01	N.D.
185	Decamethylcyclopentasiloxane (D5)	541-02-6	208-764-9	0.01	N.D.
186	Dodecamethylcyclohexasiloxane (D6)	540-97-6	208-762-8	0.01	N.D.
187	Lead	7439-92-1	231-100-4	0.01	N.D.
188	Disodium octaborate	12008-41-2	234-541-0	0.01	N.D.
189	Benzo[ghi]perylene	191-24-2	205-883-8	0.01	N.D.
190	Terphenyl hydrogenated	61788-32-7	262-967-7	0.01	N.D.
191	Ethylenediamine	107-15-3	203-468-6	0.01	N.D.
192	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	401-720-1	0.01	N.D.
193	Benzo[k]fluoranthene	207-08-9	205-916-6	0.01	N.D.
194	Fluoranthene	206-44-0	205-912-4	0.01	N.D.
195	Phenanthrene	85-01-8	201-581-5	0.01	N.D.
196	Pyrene	129-00-0	204-927-3	0.01	N.D.
197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor)	239-139-9	15087-24-8	0.01	N.D.

Note:

- w/w % = weight by weight  
N.D. = Not Detected or less than MDL
- \*:Concentration value of the substance by the conversion from the test results of certain elements.  
Concentration value of Bis(tributyltin)oxide(TBTO), 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE), 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) by the conversion from the test results of certain compounds (Tributyl Tins(TBT), Dioctyl Tins(DOT), Monoctyl Tins(MOT)).
- \*\*: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
- \*\*\*\*:Light fractions from distillation
- \*\*\*\*\*:Concentration value of Disodium tetraborate, anhydrous and Tetraboron disodium heptaoxide, hydrate is evaluated by Disodium tetraborate, with no consider of the hydrate. Concentration value of Sodium perborate; perboric acid, sodium salt; Sodium peroxometaborate is evaluated by Sodium perborate, with no consider of the hydrate.
- ▲: Concentration value of Formaldehyde, oligomeric reaction products with aniline (technical MDA) by the conversion from the test results of certain compounds (2,4-Diaminodiphenylmethane, 4,4'-Diaminodiphenylmethane, 2,6-Diaminodiphenylmethane).
- 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.
- 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.
- ③: Concentration value of Boric acid; Disodium tetraborate, anhydrous; Tetraboron disodium heptaoxide, hydrate; Diboron trioxide; Sodium perborate; perboric acid, sodium salt; Sodium peroxometaborate is 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

\*\*\*\*\*

**Remark:**

- 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 therequest, 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.
- Flow chart appendix is included.
- Photo appendix is included.

\*\*\*\*\*

NO.: MTHN19080153

### Appendix

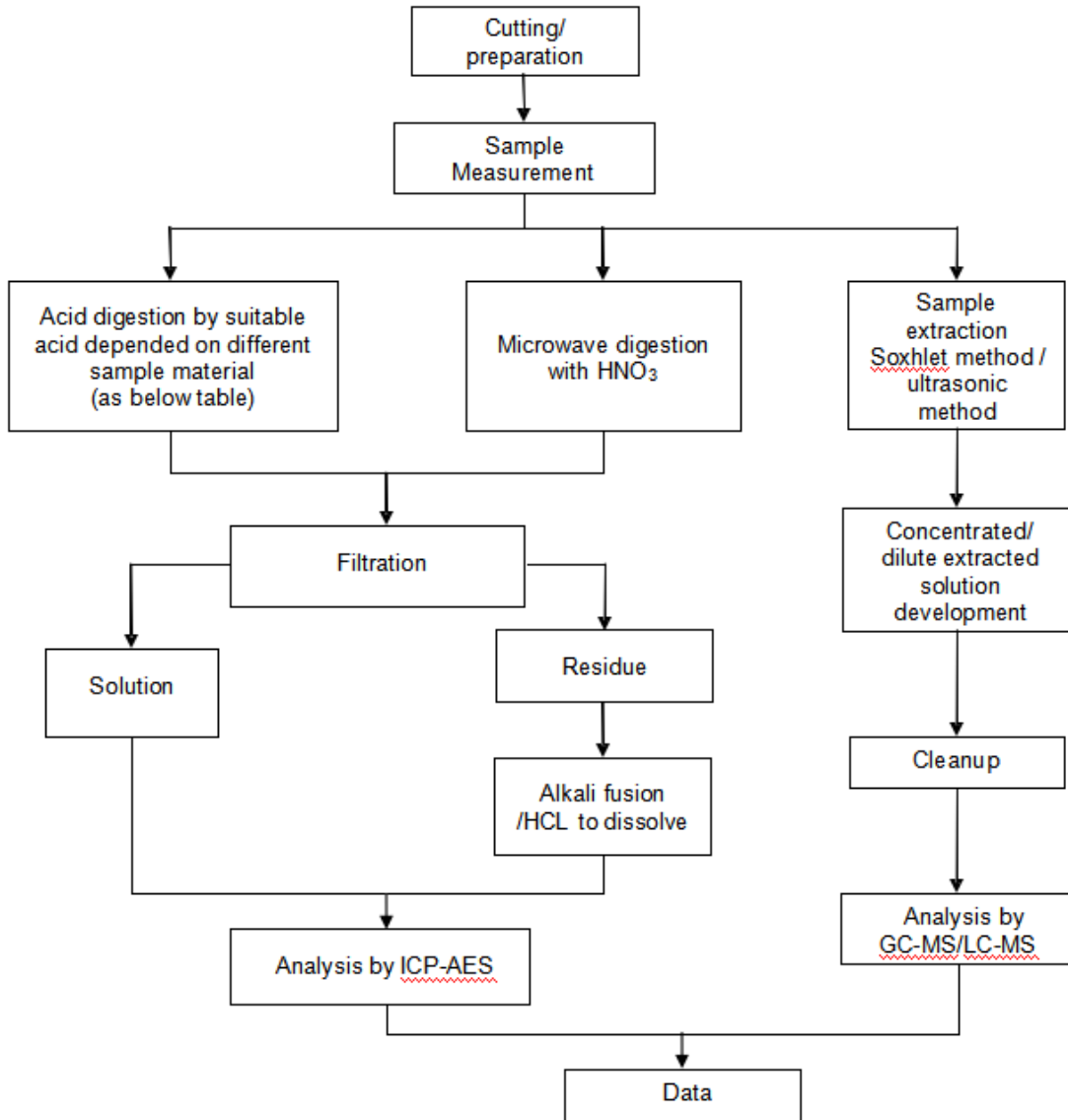


Table:

Sample material	Digestion Acid
Steel, copper, aluminum, solder	Aqua regia, HNO <sub>3</sub> , HCL, HF, H <sub>2</sub> O <sub>2</sub>
Glass	HNO <sub>3</sub> /HF
Gold, platinum, palladium, ceramic	Aqua regia
Silver	HNO <sub>3</sub>
Plastic	H <sub>2</sub> SO <sub>4</sub> , H <sub>2</sub> O <sub>2</sub> , HNO <sub>3</sub> ,HCL
Others	Any acid to total digestion

\*\*\*\*\*



**NO.: MTHN19080153**

Photograph of Sample



DTI authenticate the photo on original report only

\*\*\* End of Report \*\*\*