



# TEST REPORT

REPORT No.: **DTI201709020033-2-1**

Date: 2017-09-16

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Client Company:

Client Address:

Report on the submitted samples said to be:

Sample Name : Charging Cable  
Model No. : RC02/RC03  
Sample Receiving Date : Sep 12, 2017  
Testing Period : From September 12,2017 to September 16,2017  
Results : Please refer to next page(s).

## Summary of Test Results:

### TEST REQUEST

### CONCLUSION


SVHC screening is performed according to:

A One hundred and seventy-four (174) 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.

**Pass**  
(see the remark)

**Remark :** According to the specified scope and analytical technique, concentrations of all 174 SVHC are <0.1% in the submitted sample(s)

Signed for and on behalf of  
DTI

Approved by:   
Li Ping



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## Results:

### Test Portions::

(1) =Mixture of nonmetal Parts

(2) =Mixture of Metal Parts

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

**A、 The list published by European Chemical Agency (ECHA) on and before June 15 2017 for public consultation regarding regulation (EC) No. 1907/2006 concerning the REACH on the 174 Substances of Very High Concern (SVHC) content.**

**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

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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 Pentaoxide (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.

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No.	Items	CAS No.	EC No.	RL(%)	Results(%)	
					(1)	(2)
20	<sup>①</sup> 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	<sup>①</sup> 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	<sup>②</sup> Lead sulfochromate yellow (C.I. Pigment Yellow 34)***	1344-37-2	215-693-7	0.05	N.D.	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.	N.D.
27	<sup>②</sup> 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	<sup>③</sup> Boric acid *	10043-35-3; 11113-50-1	233-139-2 234-343-4	0.01	N.D.	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.	N.D.
32	<sup>③</sup> 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	Strontium chromate*	7789-06-2	232-142-6	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.

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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	Cobalt dichloride*	7646-79-9	231-589-4	0.005	N.D.	N.D.
47	2-ethoxyethyl acetate	111-15-9	203-839-2	0.01	N.D.	N.D.
48	①1,2-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	①1,2-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 hydroxyoctaoxodizincatedi-c hromate *	11103-86-9	234-329-8	0.01	N.D.	N.D.
54	Pentazinc chromate octahydr oxide*	49663-84-5	256-418-0	0.01	N.D.	N.D.
55	②Aluminosilicate Refractory Ceramic Fibres (Al-RCF)**	-	-	0.05	N.D.	N.D.
56	②Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)* *	-	-	0.05	N.D.	N.D.

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No.	Items	CAS No.	EC No.	RL(%)	Results(%)	
					(1)	(2)
57	<sup>①</sup> Formaldehyde, oligomeric reaction products with aniline (technical MDA) <sup>▲</sup>	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.
74	<sup>③</sup> 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.

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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	0.01	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	0.01	N.D.	N.D.
83	$\alpha$ , $\alpha$ -Bis[4-(dimethylamino)phenyl]-4-(phenylamino) naphthalene - 1-methanol (C.I. Solvent Blue 4)***	6786-83-0	229-851-8	0.01	N.D.	N.D.
84	4,4'-bis(dimethylamino)-4''-(methylamino) trityl alcohol	561-41-1	209-218-2	0.01	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.
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.

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92	Diazeno-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	25550-51-0,1 9438-60-9, 48122-14-1, 57110-29-9	247-094-1, 243-072-0, 256-356-4, 260-566-1	0.05	N.D.	N.D.
95	Methoxy acetic acid	625-45-6	210-894-6	0.05	N.D.	N.D.
96	① 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 C16-18-*	91031-62-8	292-966-7	0.01	N.D.	N.D.

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					(1)	(2)
108	Lead bis(tetrafluoroborate)*	13814-96-5	237-486-0	0.01	N.D.	N.D.
109	Lead cyanamide *	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.
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-oxazolidine-3-	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.

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No.	Items	CAS No.	EC No.	RL(%)	Results(%)	
					(1)	(2)
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.
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	④4-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.

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					(1)	(2)
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.
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	Diethyl phthalate	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	<sup>①</sup> Lead di(acetate)	301-04-2	206-104-4	0.01	N.D.	N.D.
151	Triethyl 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	<sup>①</sup> 1,2-benzenedicarboxylic acid diethyl ester branched and linear	68515-50-4	271-093-5	0.01	N.D.	N.D.
154	<sup>③</sup> Sodium peroxometaborate*****	7632-04-4	231-556-4	0.01	N.D.	N.D.
155	<sup>③</sup> 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	15571-58-1	239-622-4	0.05	N.D.	N.D.

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No.	Items	CAS No.	EC No.	RL(%)	Results(%)	
					(1)	(2)
161	① Reaction mass of 2-ethylhexyl10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetra decanoate 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.	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	2-2(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.

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					(1)	(2)
169	Benzo[def]chrysene(Benzo[a]pyrene)	50-32-8	200-028-5	0.01	N.D.	N.D.
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	--	0.01	N.D.	N.D.
		335-76-2	206-400-3			
		3830-45-3	221-470-5			
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.

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					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	0.087
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	①Anthracene oil	90640-80-5	292-602-7	0.05	N.D.
17	①Anthracene oil , anthracene paste, distn . Lights	91995-17-4	295-278-5	0.05	N.D.
18	①Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9	0.05	N.D.
19	①Anthracene oil, anthracene-low	90640-82-7	292-604-8	0.05	N.D.

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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	Strontium chromate*	7789-06-2	232-142-6	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.

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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	Cobalt dichloride*	7646-79-9	231-589-4	0.005	N.D.
47	2-ethoxyethyl acetate	111-15-9	203-839-2	0.01	N.D.
48	<sup>①</sup> 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	<sup>①</sup> 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 * hydroxyoctaoxodizincatedi-c hromate *	11103-86-9	234-329-8	0.01	N.D.
54	Pentazinc chromate octahyd roxide	49663-84-5	256-418-0	0.01	N.D.
55	<sup>②</sup> Aluminosilicate Refractory C eramic Fibres (Al-RCF)*	-	-	0.05	N.D.
56	<sup>②</sup> Zirconia Aluminosilicate Ref ractory Ceramic Fibres (Zr-RCF)*	-	-	0.05	N.D.

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No.	Items	CAS No.	EC No.	RL(%)	Results(%)
					Total
57	Formaldehyde, oligomeric reaction products with aniline (technical MDA) <sup>△</sup>	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.
74	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.

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No.	Items	CAS No.	EC No.	RL(%)	Results(%)
					Total
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)	208-953-6	548-62-9	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)	219-943-6	2580-56-5	0.05	N.D.
83	$\alpha$ , $\alpha$ -Bis[4-(dimethylamino)phenyl]-4-(phenylamino) naphthalene -1-methanol (C.I. Solvent Blue 4)	229-851-8	6786-83-0	0.05	N.D.
84	4,4'-bis(dimethylamino)-4''-(methylamino) trityl alcohol	209-218-2	561-41-1	0.05	N.D.
85	Bis(pentabromophenyl) ether (DecaBDE)	214-604-9	1163-19-5	0.05	N.D.
86	Pentacosfluorotridecanoic acid	276-745-2	72629-94-8	0.05	N.D.
87	Tricosfluorododecanoic acid	206-203-2	307-55-1	0.05	N.D.
88	Henicosfluoroundecanoic acid	218-165-4	2058-94-8	0.05	N.D.
89	Heptacosfluorotetradecanoic acid	206-803-4	376-06-7	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.

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No.	Items	CAS No.	EC No.	RL(%)	Results(%)
					Total
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	25550-51-0,194 38-60-9, 48122-14-1,57 110-29-9	247-094-1, 243-072-0, 256-356-4, 260-566-1	0.05	N.D.
95	Methoxy acetic acid	625-45-6	210-894-6	0.05	N.D.
96	① 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 C16-18-	91031-62-8	292-966-7	0.01	N.D.

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No.	Items	CAS No.	EC No.	RL(%)	Results(%)
					Total
108	Lead bis(tetrafluoroborate)	13814-96-5	237-486-0	0.01	N.D.
109	Lead cyanidate	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.
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.

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No.	Items	CAS No.	EC No.	RL(%)	Results(%)
					Total
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.
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	④ 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.

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No.	Items	CAS No.	EC No.	RL(%)	Results(%)
					Total
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.
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	Diethyl phthalate	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	<sup>①</sup> Lead di(acetate)	301-04-2	206-104-4	0.01	N.D.
151	Triethyl 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	<sup>①</sup> 1,2-benzenedicarboxylic acid diethyl ester branched and linear	68515-50-4	271-093-5	0.01	N.D.
154	<sup>③</sup> Sodium peroxometaborate	7632-04-4	231-556-4	0.01	N.D.
155	<sup>③</sup> 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	15571-58-1	239-622-4	0.05	N.D.

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No.	Items	CAS No.	EC No.	RL(%)	Results(%)
					Total
161	① Reaction mass of 2-ethylhexyl10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetra decanoate 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-oic-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	206-801-3	0.01	N.D.

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No.	Items	CAS No.	EC No.	RL(%)	Results(%)
					Total
169	Benzo[def]chrysene(Benzo[a]pyrene)	50-32-8	200-028-5	0.01	N.D.
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	--	0.01	N.D.
		335-76-2	206-400-3		
		3830-45-3	221-470-5		
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.

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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

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## 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 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.
- Flow chart appendix is included.
- Photo appendix is included.

\*\*\*\*\*



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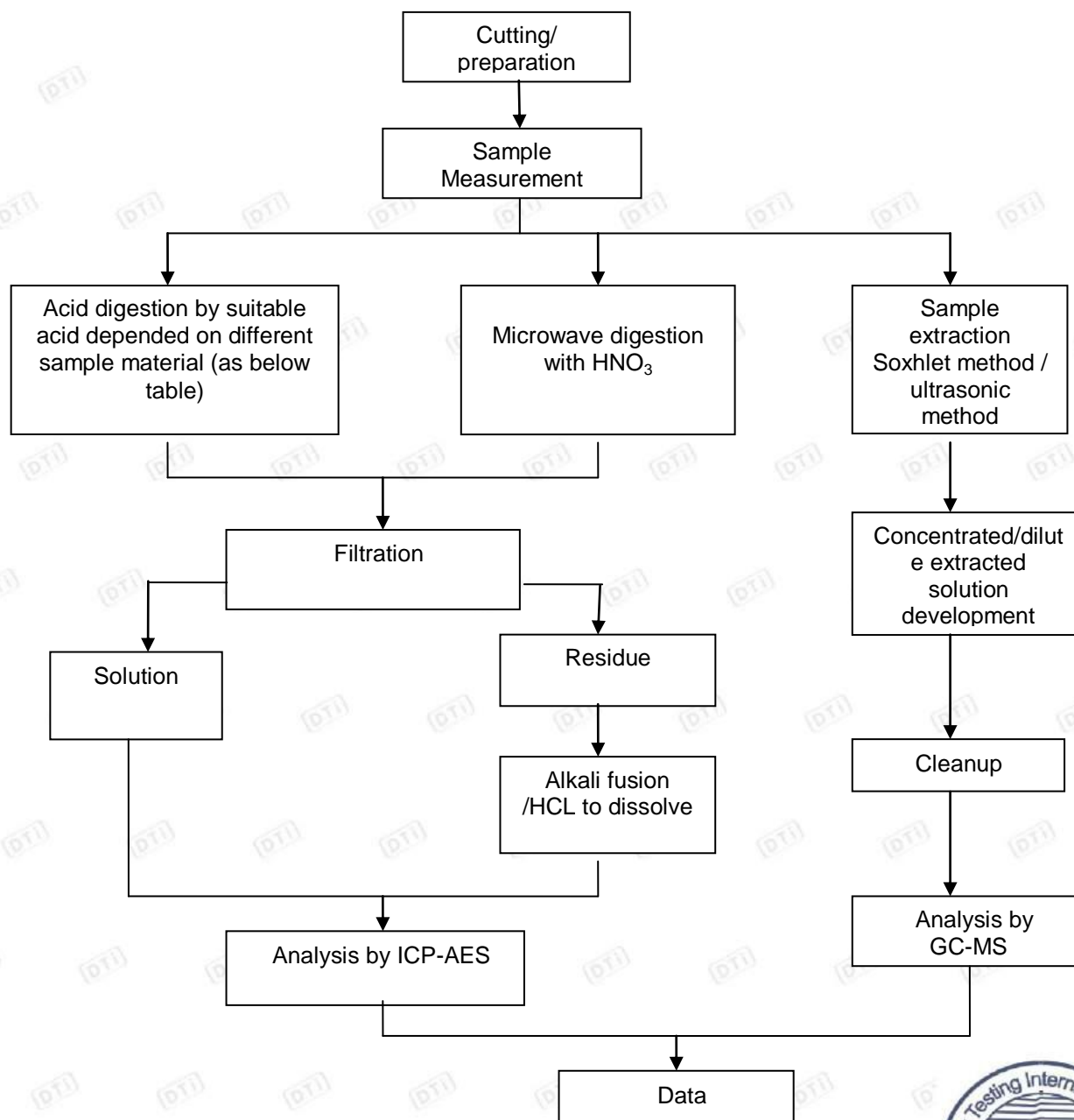


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## Appendix



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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

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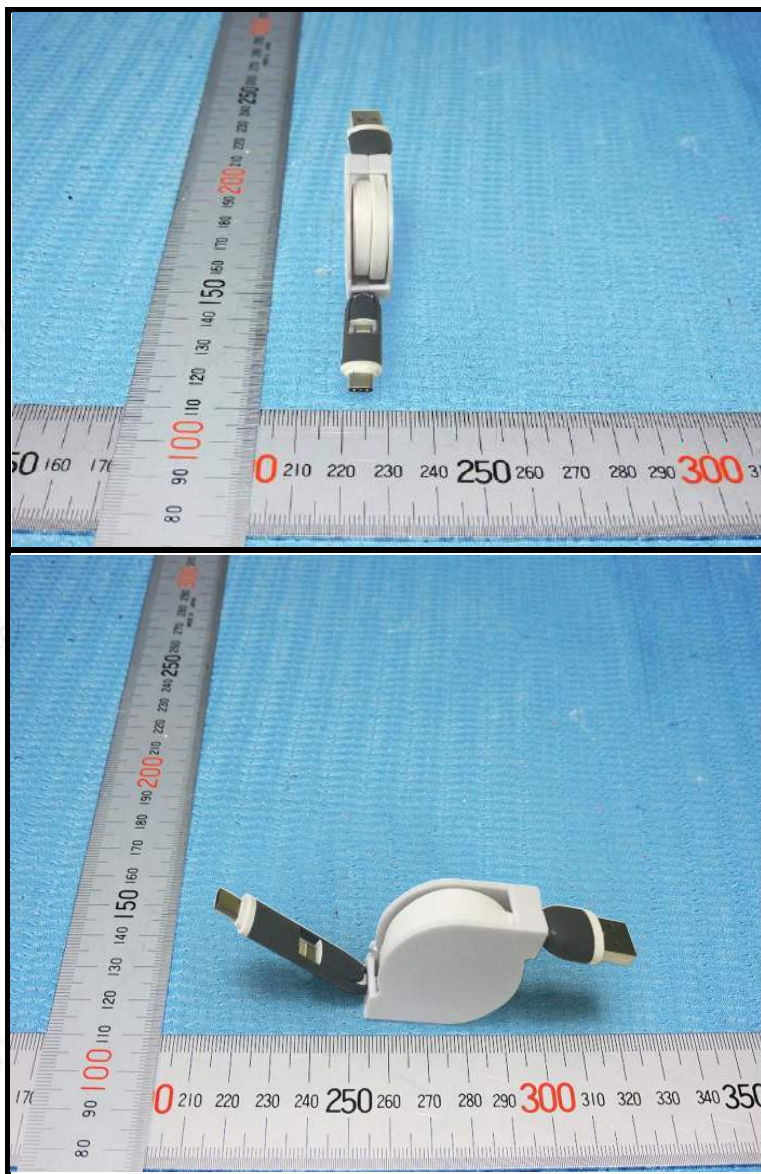
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## Photograph of Sample



DTI authenticate the photo on original report only

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



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