




TEST REPORT

Applicant : **Aetheris Technology (Shanghai) Co., Ltd.**
Address : Rm. F2002, Bldg. No.1, 151 Chuansha Rd. Pudong, New District, SH - 200040, China
Manufacturer : **Aetheris Technology (Shanghai) Co., Ltd.**
Address : Rm. F2002, Bldg. No.1, 151 Chuansha Rd. Pudong, New District, SH - 200040, China
Sample name : AIRPOP HALO Smart Respiratory Monitoring Device
Trademark : /
M/N : APA1703
Report Number : GTS20201210007-1-1
Date of Test : Dec.15,2020
Date of Report : Dec.15,2020~ Dec.22,2020
Test Requested : As requested by client, refer to EU Regulation(EC) No 1907/2006 concerning the REACH, to screen one hundred and sixty-eight(197) Substances of Very High Concern(SVHC) in the submitted sample. The list is the one that is published by European Chemicals Administration(ECHA) on Jan 15, 2019
Test Method : Analysis was performed by ICP-OES, GC-MS(HS), HPLC-DAD-MS, IC, AAS, UV-VIS.
Test Result(s) Summary : Please refer to the following page(s)
: According to the analytical results, concentrations of 197 SVHC substances are less than 0.1% (w/w) in the submitted sample.

Test by : _____
Approve by : _____





Test Results:

Code	Test Item	CAS No.	RL (%)	A#	B#
1	Bis(tributyltin)oxide (TBTO)	56-35-9	0.050	N.C.	N.D.
2	Diarsenic pentaoxide*	1303-28-2	0.005	N.D.	N.D.
3	Diarsenic trioxide*	1327-53-3	0.005	N.D.	N.D.
4	Triethyl arsenate*	15606-95-8	0.005	N.D.	N.D.
5	Lead hydrogen arsenate*	7784-40-9	0.005	N.D.	N.D.
6	Cobalt dichloride*	7646-79-9	0.005	N.D.	N.D.
7	Sodium dichromate*	7789-12-0, 10588-01-9	0.005	N.D.	N.D.
8	Anthracene	120-12-7	0.050	N.C.	N.D.
9	4,4'-Diaminodiphenylmethane(MDA)	101-77-9	0.050	N.C.	N.D.
10	Dibutyl phthalate (DBP)	84-74-2	0.050	N.C.	N.D.
11	Benzyl butyl phthalate (BBP)	85-68-7	0.050	N.C.	N.D.
12	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	0.050	N.C.	N.D.
13	Bis(2-ethylhexyl)phthalate (DEHP)	117-81-7	0.050	N.C.	N.D.
14	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]Methylene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Blue 26) §	2580-56-5	0.050	N.D.	N.D.
15	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	0.050	N.C.	N.D.
16	Anthracene oil*	90640-80-5	0.050	N.C.	N.D.
17	Anthracene oil, anthracene paste, distn. Lights*	91995-17-4	0.050	N.C.	N.D.
18	Anthracene oil, anthracene paste, anthracene fraction*	91995-15-2	0.050	N.C.	N.D.
19	Anthracene oil, anthracene-low*	90640-82-7	0.050	N.C.	N.D.
20	Anthracene oil, anthracene paste*	90640-81-6	0.050	N.C.	N.D.
21	Pitch, coal tar, high temp.*	65996-93-2	0.050	N.C.	N.D.
22	Acrylamide	79-06-01	0.050	N.C.	N.D.
23	[4-[[4-4'-bis(dimethylamino)benzhydrylidene]Cyclohexa-2,5-dien-1-ylidene]dimethylammonium Chloride (C.I. Basic Violet 3) §	548-62-9	0.050	N.D.	N.D.



Code	Test Item	CAS No.	RL(%)	A#	B#	
24	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	0.050	N.D.	N.D.	
25	2,4-Dinitrotoluene	121-14-2	0.050	N.C.	N.D.	
26	Diisobutyl phthalate	84-69-5	0.050	N.C.	N.D.	
27	Lead chromate*	7758-97-6	0.005	N.D.	N.D.	
28	Lead chromate molybdate sulphate red(C.I. Pigment Red 104)*	12656-85-8	0.005	N.D.	N.D.	
29	Lead sulfochromate yellow (C.I. PigmentYellow 34)*	1344-37-2	0.005	N.D.	N.D.	
30	Tris(2-chloroethyl)phosphate	115-96-8	0.050	N.C.	N.D.	
31	Trichloroethylene	79-01-6	0.050	N.C.	N.D.	
32	Boric acid*	10043-35-3 11113-50-1	0.005	N.D.	N.D.	
33	Disodium tetraborate, anhydrous*	1303-96-4 1330-43-4 12179-04-3	0.050	N.D.	N.D.	
34	Tetraboron disodium heptaoxide, hydrate*	12267-73-1	0.005	N.D.	N.D.	
35	Sodium chromate*	7775-11-3	0.005	N.D.	N.D.	
36	Potassium chromate*	7789-00-6	0.005	N.D.	N.D.	
37	Ammonium dichromate*	7789-09-5	0.005	N.D.	N.D.	
38	Potassium dichromate*	7778-50-9	0.005	N.D.	N.D.	
39	Cobalt(II) sulphate*	10124-43-3	0.005	N.D.	N.D.	
40	Cobalt(II) dinitrate*	10141-05-6	0.005	N.D.	N.D.	
41	Cobalt(II) carbonate*	513-79-1	0.005	N.D.	N.D.	
42	Cobalt(II) diacetate*	71-48-7	0.005	N.D.	N.D.	
43	2-Methoxyethanol	109-86-4	0.050	N.C.	N.D.	
44	2-Ethoxyethanol	110-80-5	0.050	N.C.	N.D.	
45	Chromium trioxide*	1333-82-0	0.005	N.D.	N.D.	
46	Acids generated from chromium trioxide and their oligomers	Chromic acid**	7738-94-5	0.005	N.D.	N.D.
		Dichromic acid**	13530-68-2	0.050	N.D.	N.D.
		Oligomers of chromic acid and dichromic acid**	--	--	N.D.	N.D.
47	2-ethoxyethyl acetate	111-15-9	0.050	N.C.	N.D.	
48	Strontium chromate**	7789-06-2	0.005	N.D.	N.D.	



Code	Test Item	CAS No.	RL(%)	A#	B#
49	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	0.050	N.C.	N.D.
50	Hydrazine	7803-57-8/ 302-01-2	0.050	N.C.	N.D.
51	1-methyl-2-pyrrolidone	872-50-4	0.050	N.C.	N.D.
52	1,2,3-trichloropropane	96-18-4	0.050	N.C.	N.D.
53	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	0.050	N.C.	N.D.
54	Dichromium tris(chromate	24613-89-6	0.005	N.D.	N.D.
55	Potassium hydroxyoctaoxodizincatedi-chromate	11103-86-9	0.005	N.D.	N.D.
56	Pentazinc chromate octahydroxide	49663-84-5	0.005	N.D.	N.D.
57	1,2-dimethoxyethane; ethylene glycol Dimethyl ether (EGDME)	110-71-4	0.050	N.D.	N.D.
58	4,4-bis (dimethylamino)benzophenone (Michler's Ketone)	90-94-8	0.050	N.D.	N.D.
59	Formaldehyde, oligomeric reaction products with aniline	25214-70-4	0.050	N.C.	N.D.
60	Bis(2-methoxyethyl) phthalate	117-82-8	0.050	N.C.	N.D.
61	2-Methoxyaniline; o-Anisidine	90-04-0	0.050	N.C.	N.D.
62	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	0.050	N.C.	N.D.
63	1,2-Dichloroethane	107-06-2	0.050	N.C.	N.D.
64	Bis(2-methoxyethyl) ether	111-96-6	0.050	N.C.	N.D.
65	Arsenic acid	7778-39-4	0.050	N.D.	N.D.
66	Calcium arsenate	7778-44-1	0.005	N.D.	N.D.
67	Trilead diarsenate	3687-31-8	0.005	N.D.	N.D.
68	N,N-dimethylacetamide	127-19-5	0.050	N.C.	N.D.
69	Phenolphthalein	77-09-8	0.050	N.C.	N.D.
70	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	0.050	N.C.	N.D.
71	Lead azide Lead diazide	13424-46-9	0.005	N.D.	N.D.
72	Lead styphnate	15245-44-0	0.005	N.D.	N.D.
73	Lead dipicrate	6477-64-1	0.005	N.D.	N.D.
74	4'4-bis(dimethylamino)-4''-(methylamino)trityl alcohol §	561-41-1	0.050	N.D.	N.D.
75	Aluminosilicate Refractory Ceramic Fibres (Index no.)	650-017-00-8	0.005	N.D.	N.D.



Code	Test Item	CAS No.	RL(%)	A#	B#
76	Diboron trioxide	1303-86-2	0.005	N.D.	N.D.
77	Formanide	75-12-7	0.050	N.D.	N.D.
78	Hexabromocyclododecane(HBCDD) and All major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4 3194-55-6	0.050	N.D.	N.D.
79	Lead(II)bis(methanesulfonate)	17570-76-2	0.050	N.D.	N.D.
80	N,N,N',N'-tetramethyl-4, 4'-methylenedianiline (Michler's base)	101-61-1	0.050	N.D.	N.D.
81	TGIC(1,3,5-tris(oxiranylmethyl)-1,3,5-Triazine-2,4,6(1H,3H,5H)-trione	2451-62-9	0.050	N.D.	N.D.
82	Zirconia Aluminosilicate Refractory Ceramic Fibres	650-017-00-8 (Index no.)	0.050	N.D.	N.D.
83	α , α -bis[4-(dimethylamino)phenyl]-4 (C.I.Solvent Blue 4) §	6786-83-0	0.050	N.D.	N.D.
84	β -TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione	59653-74-6	0.050	N.D.	N.D.
85	Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5	0.050	N.C.	N.D.
86	Pentacosafuorotridecanoic acid	72629-94-8	0.050	N.C.	N.D.
87	Tricosafuorododecanoic acid	307-55-1	0.050	N.C.	N.D.
88	Henicosafuoroundecanoic acid	2058-94-8	0.050	N.C.	N.D.
89	Heptacosafuorotetradecanoic acid	376-06-7	0.050	N.C.	N.D.
90	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated - covering well-defined substances and UVCB substances, polymers and homologues	--	0.050	N.C.	N.D.
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	--	0.050	N.C.	N.D.
92	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	0.050	N.C.	N.D.
93	Cyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA)	85-42-7	0.050	N.C.	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	0.050	N.C.	N.D.



Code	Test Item	CAS No.	RL(%)	A#	B#
95	Methoxy acetic acid	625-45-6	0.050	N.C.	N.D.
96	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	0.050	N.C.	N.D.
97	Diisopentylphthalate (DIPP)	605-50-5	0.050	N.C.	N.D.
98	N-pentyl-isopentylphthalate	-	0.050	N.C.	N.D.
99	1,2-Diethoxyethane	629-14-1	0.050	N.C.	N.D.
100	N,N-dimethylformamide; dimethyl formamide	68-12-2	0.050	N.C.	N.D.
101	Dibutyltin dichloride (DBT)	683-18-1	0.050	N.C.	N.D.
102	Acetic acid, lead salt, basic	51404-69-4	0.005	N.C.	N.D.
103	Basic lead carbonate (trilead bis(carbonate)dihydroxide)	1319-46-6	0.005	N.C.	N.D.
104	Lead oxide sulfate (basic lead sulfate)	12036-76-9	0.005	N.C.	N.D.
105	[Phthalato(2-)]dioxotrilead (dibasic lead phthalate)	69011-06-9	0.005	N.C.	N.D.
106	Dioxobis(stearato)trilead	12578-12-0	0.005	N.C.	N.D.
107	Fatty acids, C16-18, lead salts	91031-62-8	0.005	N.C.	N.D.
108	Lead bis(tetrafluoroborate)	13814-96-5	0.005	N.D.	N.D.
109	Lead cyanamidate	20837-86-9	0.005	N.C.	N.D.
110	Lead dinitrate	10099-74-8	0.005	N.C.	N.D.
111	Lead oxide (lead monoxide)	1317-36-8	0.005	N.C.	N.D.
112	Lead tetroxide (orange lead)	1314-41-6	0.005	N.C.	N.D.
113	Lead titanium trioxide	12060-00-3	0.005	N.D.	N.D.
114	Lead Titanium Zirconium Oxide	12626-81-2	0.005	N.D.	N.D.
115	Pentalead tetraoxide sulphate	12065-90-6	0.005	N.C.	N.D.
116	Pyrochlore, antimony lead yellow	8012-00-8	0.005	N.C.	N.D.
117	Silicic acid, barium salt, lead-doped	68784-75-8	0.005	N.C.	N.D.
118	Silicic acid, lead salt	11120-22-2	0.005	N.D.	N.D.
119	Sulfurous acid, lead salt, dibasic	62229-08-7	0.005	N.D.	N.D.
120	Tetraethyllead	78-00-2	0.005	N.C.	N.D.
121	Tetralead trioxide sulphate	12202-17-4	0.005	N.C.	N.D.
122	Trilead dioxide phosphonate	235-252-2	0.005	N.C.	N.D.
123	Furan	110-00-9	0.050	N.C.	N.D.
124	Propylene oxide; 1,2-epoxypropane; methyloxirane	75-56-9	0.050	N.C.	N.D.
125	Diethyl sulphate	64-67-5	0.050	N.C.	N.D.
126	Dimethyl sulphate	77-78-1	0.050	N.C.	N.D.
127	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	0.050	N.C.	N.D.
128	Dinoseb	88-85-7	0.050	N.C.	N.D.
129	4,4'-methylenedi-o-toluidine	838-88-0	0.050	N.C.	N.D.
130	4,4'-oxydianiline and its salts	101-80-4	0.050	N.C.	N.D.



Code	Test Item	CAS No.	RL(%)	A#	B#
131	4-Aminoazobenzene; 4-Phenylazoaniline	60-09-3	0.050	N.C.	N.D.
132	4-methyl-m-phenylenediamine (2,4-toluene-diamine)	95-80-7	0.050	N.C.	N.D.
133	6-methoxy-m-toluidine (p-cresidine)	120-71-8	0.050	N.C.	N.D.
134	Biphenyl-4-ylamine	92-67-1	0.050	N.C.	N.D.
135	o-aminoazotoluene	97-56-3	0.050	N.C.	N.D.
136	o-Toluidine; 2-Aminotoluene	95-53-4	0.050	N.C.	N.D.
137	N-methylacetamide	79-16-3	0.050	N.C.	N.D.
138	1-bromopropane; n-propyl bromide	106-94-5	0.050	N.C.	N.D.
139	Cadmium	7440-43-9	0.005	N.D.	N.D.
140	Cadmium oxide	1306-19-0	0.005	N.D.	N.D.
141	Dipentyl phthalate (DPP)	131-18-0	0.005	N.C.	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]	--	0.050	N.C.	N.D.
143	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	0.050	N.C.	N.D.
144	Pentadecafluorooctanoic acid (PFOA)	335-67-1	0.050	N.C.	N.D.
145	Cadmium sulphide	215-147-8	0.005	N.C.	N.D.
146	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis (4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	209-358-4	0.050	N.C.	N.D.
147	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)	217-710-3	0.050	N.C.	N.D.
148	Dihexyl phthalate	201-559-5	0.050	N.C.	N.D.
149	Imidazolidine-2-thione (2-imidazoline-2-thiol)	202-506-9	0.050	N.C.	N.D.
150	Lead di(acetate)	206-104-4	0.005	N.D.	N.D.
151	Trixylyl phosphate	246-677-8	0.050	N.C.	N.D.
152	Cadmium chloride	233-296-7	0.005	N.C.	N.D.
153	Peroxometaborate	231-556-4	0.005	N.C.	N.D.
154	Sodium perborate; perboric acid, sodium salt	234-390-0	0.050	N.C.	N.D.



Code	Test Item	CAS No.	RL(%)	A#	B#
155	Benzenedicarboxylic acid, dihexyl ester, branched and linear	271-093-5	0.050	N.C	N.D.
156	Cadmium fluoride#	7790-79-6	0.005	N.D	N.D.
157	Cadmium sulphate#	10124-36-4 31119-53-6	0.005	N.D	N.D.
158	2-Benzotriazol-2-yl-4,6-di-tertbutylphenol (UV-320)	3846-71-7	0.050	N.C	N.D.
159	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	0.050	N.C	N.D.
160	2-Ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	0.050	N.C	N.D.
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)	--	0.050	N.C	N.D.
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)	271-094-0 272-013-1	0.050	N.C	N.D.
163	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)	--	0.050	N.C	N.D.
164	Nitrobenzene	202-716-0	0.050	N.C	N.D.
165	UV-3272,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	223-383-8	0.050	N.C	N.D.
166	UV-3502-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	253-037-1	0.050	N.C	N.D.
167	1,3-propanesultone	214-317-9	0.050	N.C	N.D.
168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	206-801-3	0.050	N.C	N.D.



Code	Test Item	CAS No.	RL(%)	A#	B#
169	Benzo[a]pyrene	50-32-8	0.001	N.C	N.D.
170	4,4'-isopropylidenediphenol(bisphenol A)	80-05-7	0.001	N.C	N.D.
171	4-heptylphenol, branched and linear	---	0.001	N.C	N.D.
172	Nonadecafluorodecanoic acid(PFDA) and its sodium and ammonium salts	3830-45-3		N.C	N.D.
173	p-(1,1-dimethylpropyl)phenol	80-46-6	0.001	N.C	N.D.
174	Perfluorohexane-1-sulphonic acid and its salts	-	0.050	N.C	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" TM) [covering any of its individual anti- and syn-isomers or any combination thereof]	-	0.050	N.C	N.D.
176	Benz[a]anthracene	56-55-3,	0.050	N.C	N.D.
177	Cadmium nitrate*	10022-68-1, 10225-04-7	0.005	N.C	N.D.
178	Cadmium carbonate*	513-78-0	0.005	N.C	N.D.
179	Cadmium hydroxide*	21041-95-2	0.005	N.C	N.D.
180	Chrysene	218-01-9,	0.050	N.C	N.D.
181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione,	-	0.050	N.C	N.D.
182	Benzene-1,2,4-tricarboxylic acid 1,2-anhydride (trimellitic	552-30-7	0.050	N.C	N.D.
183	Benzo[ghi]perylene	191-24-2	0.050	N.C	N.D.
184	Decamethylcyclopentasiloxane (D5)	541-02-6	0.050	N.C	N.D.
185	Dicyclohexyl phthalate (DCHP)	84-61-7	0.050	N.C	N.D.
186	Disodium octaborate*	12008-41-2	0.005	N.C	N.D.
187	Dodecamethylcyclohexasiloxane (D6)	540-97-6	0.050	N.C	N.D.
188	Ethylenediamine	107-15-3	0.050	N.C	N.D.
189	Lead*	7439-92-1	0.005	N.C	N.D.
190	Octamethylcyclotetrasiloxane (D4)	556-67-2	0.050	N.C	N.D.
191	Terphenyl hydrogenated	61788-32-7	0.050	N.C	N.D.
192	1,7,7-trimethyl-3-	15087-24-8	0.050	N.C	N.D.
193	2,2-bis(4'-hydroxyphenyl)-4- methylpentane	6807-17-6	0.050	N.C	N.D.
194	Benzo[k]fluoranthene	207-08-9	0.050	N.C	N.D.
195	Fluoranthene	206-44-0,	0.050	N.C	N.D.
196	Phenanthrene	85-01-8	0.050	N.C	N.D.
197	Pyrene	129-00-0,	0.050	N.C	N.D.
198	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its	-	0.050	N.C	N.D.
199	2-methoxyethyl acetate	110-49-6	0.050	N.C	N.D.
200	4-tert-butylphenol	98-54-4	0.050	N.C	N.D.
201	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP)	-	0.050	N.C	N.D.



Code	Test Item	CAS No.	RL(%)	A#	B#
202	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	0.050	N.C	N.D.
203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	0.050	N.C	N.D.
204	Diisohexyl phthalate	71850-09-4	0.050	N.C	N.D.
205	Perfluorobutane sulfonic acid (PFBS) and its salts	-	0.050	N.C	N.D.
206	1-vinylimidazole	1072-63-5	0.100	N.C	N.D.
207	2-methylimidazole	693-98-1	0.100	N.C	N.D.
208	Butyl 4-hydroxybenzoate	94-26-8	0.100	N.C	N.D.
209	Dibutylbis(pentane-2,4-dionato- O,O')tin	22673-19-4	0.100	N.C	N.D.



Specimen Description:

A#: Metal part

B#: Nonmetal part

Note:

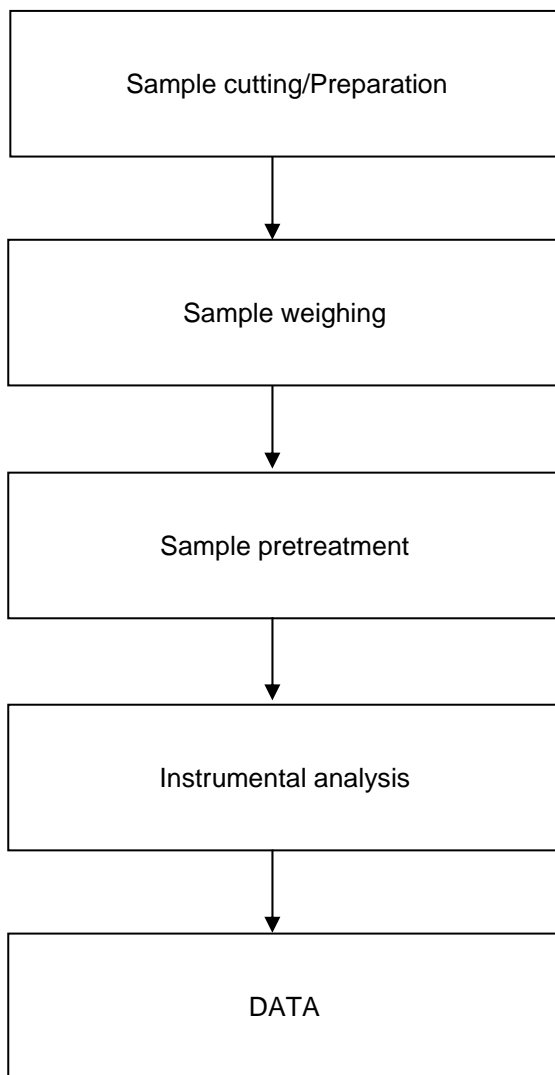
1. -w/w=weight by weight
2. -RL=Reporting Limit. All RL are based on homogenous material.
-N.D.=not detected(lower than RL)
-N.C.= Not Conduct, because the product is metal, it can't have the organic compound, it needn't to be tested.
3. -0.1%=1000mg/kg=1000 ppm
4. -PBT=Persistent,Bioaccumulative,Toxic;vPvB=very Persistent very Bioaccumulative
5. -▲=An equivalent level of concern as exerted by CMR or,PBT/vPvB substances.
6. - *: Concentration value of Cobalt dichloride;Diarsenic pentaoxide;Diarsenic trioxide;Sodium dichromate; Lead hydrogen arsenate;Triethyl arsenate;Strontium chromate;Sodium chromic;Potassium chromate; Ammonium dichromate;Potassium dichromate;Cobalt(II) sulphate;Cobalt(II) dinitrate;Cobalt(II) Carbonate;Cobalt(II) diacetate;Chromium tyioxide;Chromic acid,Dichromic acid,and Oligmers of chromic Acid and dihromic acid;Dichromium tris(chrimate);Potassium hydroxyoctaoxodizincatedichromate; Pentazinc chromate octahydroxide;Calcium arsenate;Trilead diarsenate;Arsenic acid; Lead dipicrate by The conversion form the test resultls of Tributyl Tins .
7. - **: 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).
8. - ***: C.I.: Colour Inder
9. - ****:Light fractions form distillation
10. - *****: Concentration value of Disodium tetraborate,anhydrous and Tetraboron disodium heptaoxide, hydrate is evaluated by Disodium tetraborate,with no consider of the hydrate.
11. - 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.
12. - In view of the substances 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.
13. -Concentration value of Boric acid;Disodium tetraborate,anhydrous;Tetraboron disodium heptaoxide, hydrate are calculated by the conversion form 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.

Remarks:

- 1.As the concentration of above substance that identified is based on the worst case scenario. Further investigation is required for confirmation of the presence of the substance in the sample.
2. The report limit is evaluated based on the representative substances.



Test Flow Chart



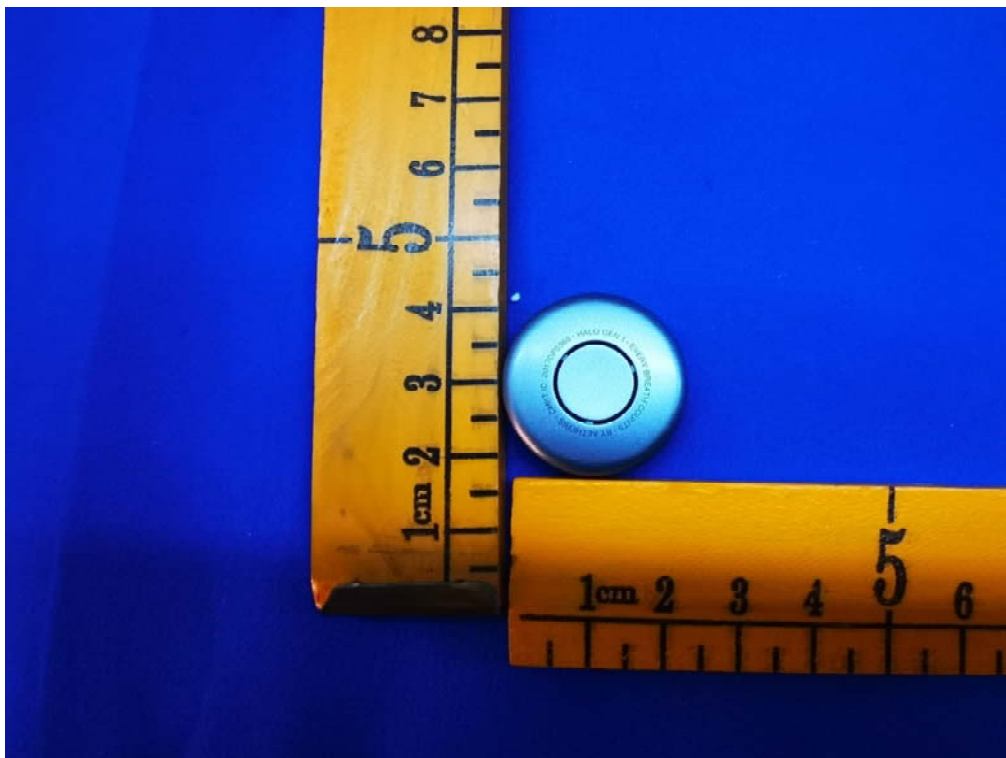
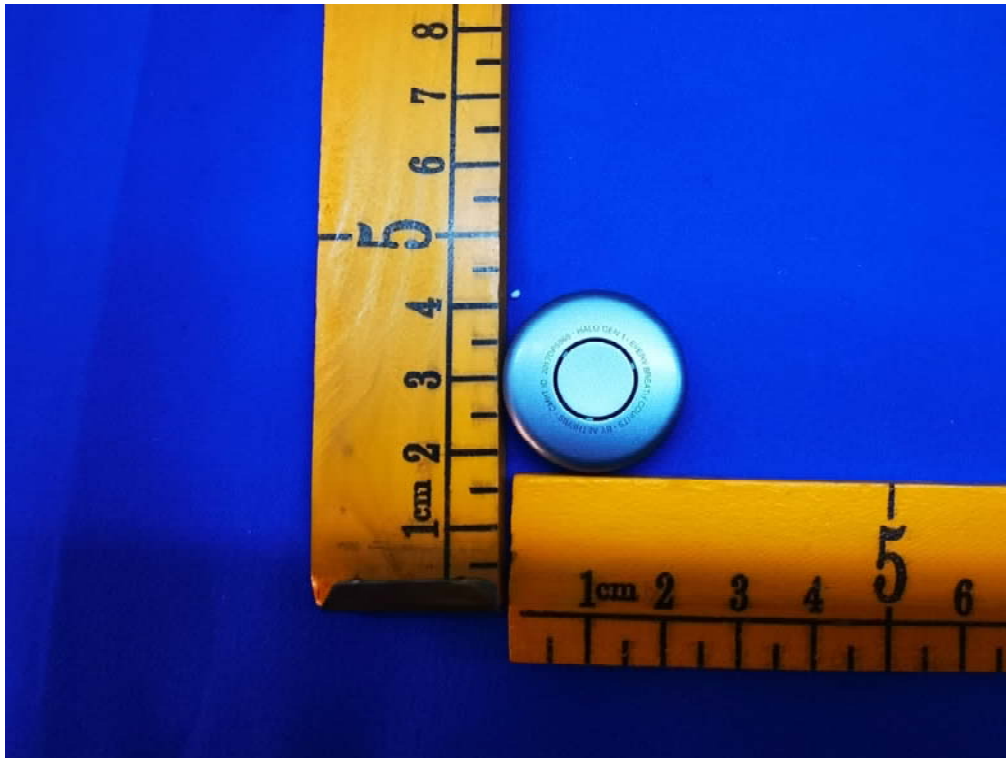


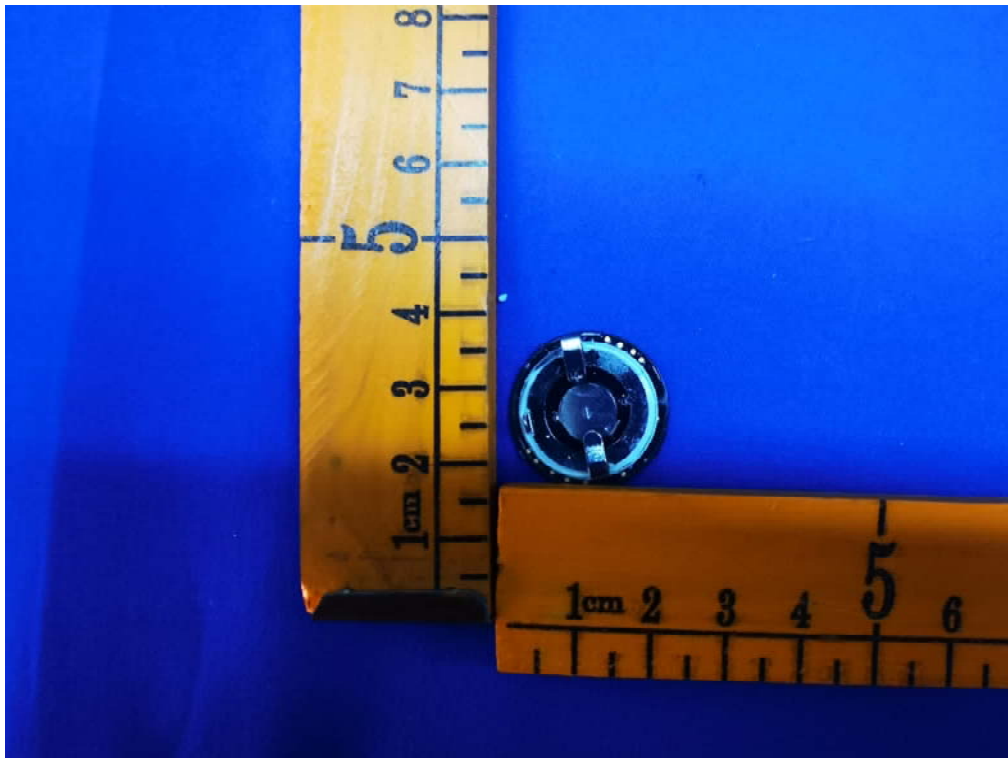
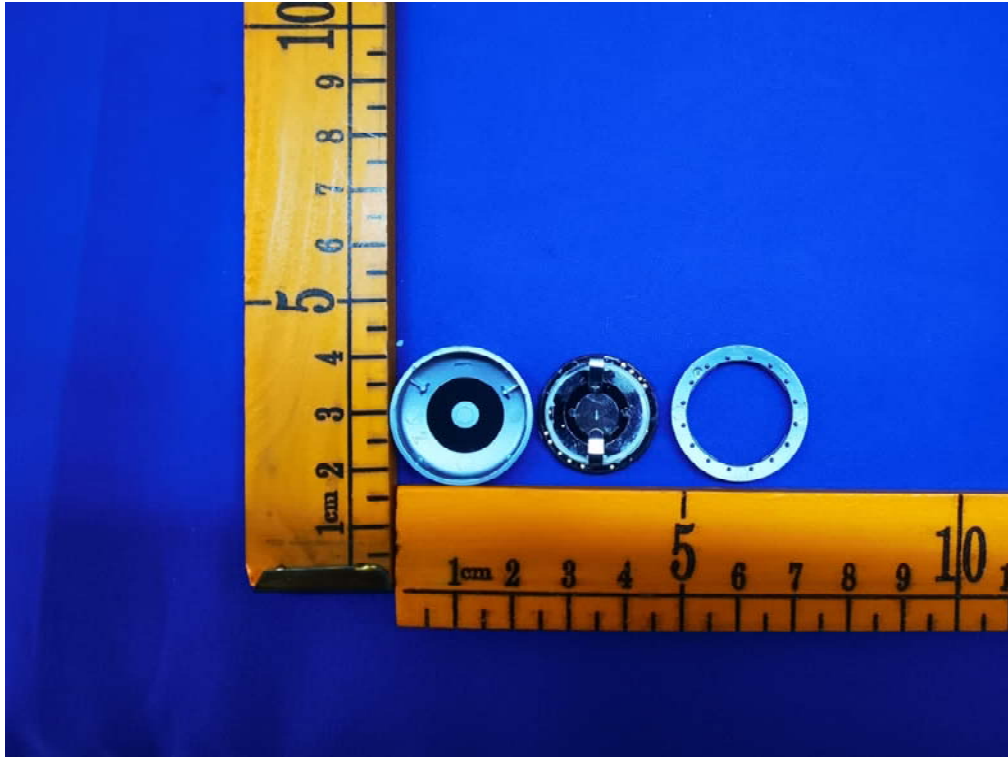
Appendix:

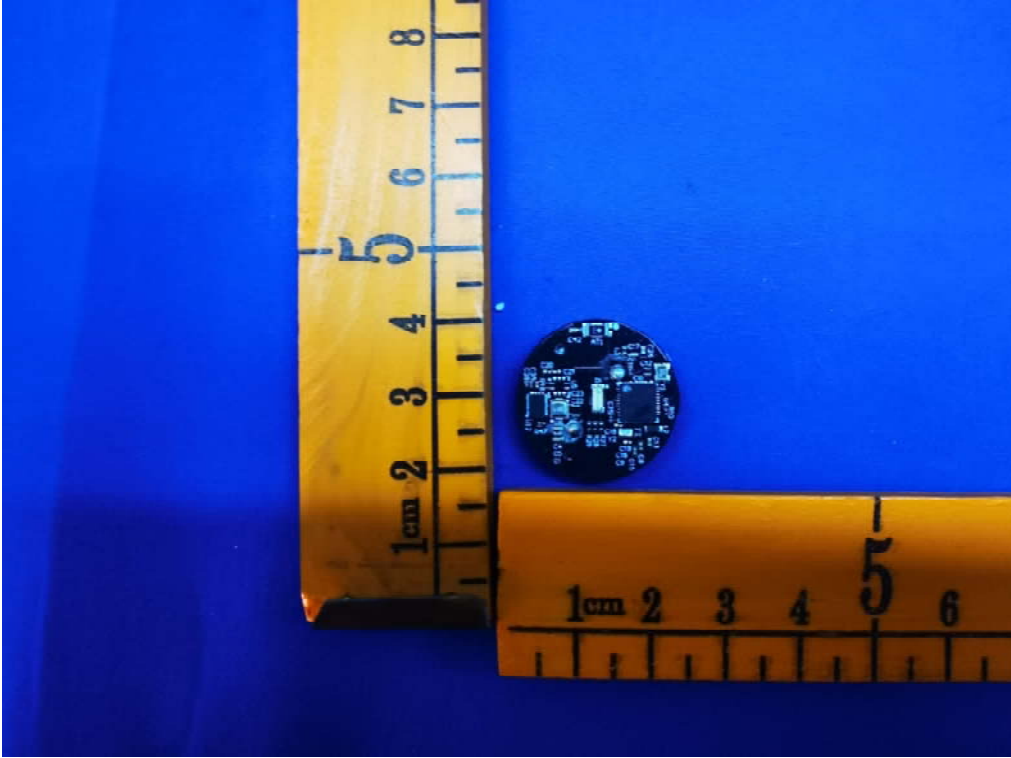
1. Any supplier of an article containing a substance that is included in the Candidate List in a concentration above 0,1 % weight (w/w) has the duty to communicate information in accordance with Article 33 of European Union regulation concerning the Registration, Evaluation, Authorization and Restriction 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 33 and Annex II of REACH.
3. The supplier of a mixture that contains 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 ≥ 0.1 % by weight for non gaseous mixtures or ≥ 0.2 % by volume for gaseous mixtures.



Photo(s) of the sample(s)







.....End of Report.....