

TEST RESULTS

No.	Test Items	EC No.	CAS No.	MDL (%)	Results
1	2,4-Dinitrotoluene	204-450-0	121-14-2	0.01	N.D.
2	2-Ethoxyethanol	203-804-1	110-80-5	0.005	N.D.
3	2-Methoxyethanol	203-713-7	109-86-4	0.005	N.D.
4	4,4'- Diaminodiphenylmethane	202-974-4	101-77-9	0.005	N.D.
5	5-tert-butyl-2,4,6-trinitro-m-xylene	201-329-4	81-15-2	0.005	N.D.
6	Acrylamide	201-173-7	79-06-1	0.01	N.D.
7	Alkanes,C10-13, chloro	287-476-5	85535-84-8	0.005	N.D.
8	Ammonium dichromate	232-143-1	7789-09-5	0.01	N.D.
9	Anthracene	204-371-1	120-12-7	0.005	N.D.
10	Anthracene oil	292-602-7	90640-80-5	0.01	N.D.
11	Anthracene oil,anthracene paste	292-603-2	90640-81-6	0.01	N.D.
12	Anthracene oil,anthracene paste, anthracene fraction	295-275-9	91995-15-2	0.01	N.D.
13	Anthracene oil,anthracene paste, Distn Lights	295-278-5	91995-17-4	0.01	N.D.
14	Anthracene oil,anthracene-low	292-604-8	90640-82-7	0.01	N.D.
15	Benzyl butyl phthalate(BBP)	201-622-7	85-68-7	0.005	N.D.
16	Di(2-ethyl(hexyl)phthalate)(DEHP)	204-211-0	117-81-7	0.005	N.D.
17	Bis(tributyltin)oxide	200-268-0	56-35-9	0.005	N.D.
18	Boric acid	233-139-2 234-343-4	10043-35-3 11113-50-1	0.01	N.D.
19	Chromic acid,Oligomers of chromic acid and dichromic acid, Dichromic acid	231-801-5 --- 236-881-5	7738-94-5 --- 13530-68-2	0.01	N.D.
20	Chromium trioxide	215-607-8	1333-82-0	0.01	N.D.
21	Cobalt dichloride	231-589-4	7646-79-9	0.01	N.D.
22	Cobalt(II) carbonate	208-169-4	513-79-1	0.01	N.D.
23	Cobalt(II) diacetate	200-755-8	71-48-7	0.01	N.D.
24	Cobalt(II) dinitrate	233-402-1	10141-05-6	0.01	N.D.
25	Cobalt(II) sulphate	233-334-2	10124-43-3	0.01	N.D.
26	Diarsenic pentaoxide	215-116-9	1303-28-2	0.01	N.D.
27	Diarsenic trioxide	215-481-4	1327-53-3	0.01	N.D.

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28	Dibutyl Phthalate (DBP)	201-557-4	84-74-2	0.002	N.D.
29	Diisobutyl Phthalate (DIBP)	201-553-2	84-69-5	0.01	N.D.
30	Disodium tetraborate, anhydrous	215-540-4	1303-96-4 1330-43-4 12179-04-3	0.01	N.D.
31	α -HBCDD, β -HBCDD, γ -HBCDD Hexabromocyclododecane	247-148-4 221-695-9	25637-99-4 3194-55-6 134237-50-6 134237-51-7 134237-52-8	0.002	N.D.
32	Lead chromate	231-846-0	7758-97-6	0.01	N.D.
33	Leadchromate molybdate sulfate red (C.I. Pigment Red 104)	235-759-9	12656-85-8	0.01	N.D.
34	Lead hydrogen arsenate*	232-064-2	7784-40-9	0.01	N.D.
35	Lead sulfochromate yellow(C.I.Pigment Yellow 34)	215-693-7	1344-37-2	0.01	N.D.
36	Coal tar pitch,high temperature	266-028-2	65996-93-2	0.01	N.D.
37	Potassium chromate	232-140-5	7789-00-6	0.01	N.D.
38	Potassium dichromate	231-906-6	7778-50-9	0.01	N.D.
39	Sodium chromate	231-889-5	7775-11-3	0.01	N.D.
40	Sodium dichromate	234-190-3	7789-12-0 10588-01-9	0.01	N.D.
41	Tetraboron disodium heptaoxide, hydrate	235-541-3	12267-73-1	0.01	N.D.
42	Trichloroethylene	201-167-4	79-01-6	0.01	N.D.
43	Triethyl arsenate	427-700-2	15606-95-8	0.01	N.D.
44	Tris(2-chloroethyl)phosphate	204-118-5	115-96-8	0.01	N.D.
45	2-ethoxyethyl acetate	203-839-2	111-15-9	0.01	N.D.
46	Strontium chromate	232-142-6	7789-06-2	0.01	N.D.
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkylesters	271-084-6	68515-42-4	0.01	N.D.
48	Hydrazine	206-114-9	7803-57-8 302-01-2	0.01	N.D.
49	1-methyl-2-pyrrolidone	212-828-1	872-50-4	0.01	N.D.
50	1,2,3-trichloropropane	202-486-1	96-18-4	0.01	N.D.
51	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	276-158-1	71888-89-6	0.01	N.D.

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52	Lead dipicrate	229-335-2	6477-64-1	0.01	N.D.
53	Lead styphnate	239-290-0	15245-44-0	0.01	N.D.
54	Lead diazide Lead azide	236-542-1	13424-46-9	0.01	N.D.
55	Phenolphthalein	201-004-7	77-09-8	0.01	N.D.
56	2,2-dichloro-4,4'-methylenedianiline(MOCA)	202-918-9	101-14-4	0.01	N.D.
57	N,N-dimethylacetamide	204-826-4	127-19-5	0.01	N.D.
58	Trilead diarsenate	222-979-5	3687-31-8	0.01	N.D.
59	Calcium arsenate	231-904-5	7778-44-1	0.01	N.D.
60	Arsenic acid	231-901-9	11-96-6	0.01	N.D.
61	Bis(2-methoxyethyl) ether	203-458-1	107-06-2	0.01	N.D.
62	1,2-Dichloroethane	203-458-1	107-06-2	0.01	N.D.
63	4-(1,1,3,3-tetramethylbutyl)phenol,(4-tert-Octylphenol)	205-426-2	140-66-9	0.01	N.D.
64	2-Methoxyaniline;o-Anisidine	201-963-1	90-04-0	0.01	N.D.
65	Bis(2-methoxyethyl) phthalate	204-212-6	117-82-8	0.01	N.D.
66	Formaldehyde, oligomeric reaction products with aniline	500-036-1	25214-70-4	0.01	N.D.
67	Zr-RCF(Zirconia Aluminosilicate Refractory Ceramic Fibres)	---	---	0.01	N.D.
68	Aluminosilicate Refractory Ceramic Fibres (RCF)	---	---	0.01	N.D.
69	Pentazinc chromate octahydroxide	256-418-0	49663-84-5	0.01	N.D.
70	Potassium hydroxyoctaoxodizincate di-chromate	234-329-8	11103-86-9	0.01	N.D.
71	Dichromium tris(chromate)	246-356-2	24613-89-6	0.01	N.D.
72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	203-977-3	112-49-2	0.01	N.D.
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	203-794-9	110-71-4	0.01	N.D.
74	Diboron trioxide	215-125-8	1303-86-2	0.01	N.D.
75	Formamide	200-842-0	75-12-7	0.01	N.D.
76	Lead(II) bis(methanesulfonate)	401-750-5	17570-76-2	0.01	N.D.
77	TGIC(1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	219-514-3	2451-62-9	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)	423-400-0	59653-74-6	0.01	N.D.

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79	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	202-027-5	90-94-8	0.01	N.D.
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	202-959-2	101-61-1	0.01	N.D.
81	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	208-953-6	548-62-9	0.01	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	0.01	N.D.
83	α,α -Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	229-851-8	6786-83-0	0.01	N.D.
84	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	209-218-2	561-41-1	0.01	N.D.
85	Decabromodiphenyl ether (DecaBDE)	214-604-9	1163-19-5	0.01	N.D.
86	Pentacosfluorotridecanoic acid	276-745-2	72629-94-8	0.01	N.D.
87	Tricosfluorododecanoic acid	206-203-2	307-55-1	0.01	N.D.
88	Henicosfluoroundecanoic acid	218-165-4	2058-94-8	0.01	N.D.
89	Heptacosfluorotetradecanoic acid	206-803-4	376-06-7	0.01	N.D.
90	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated-covering well-defined substances and UVCB substances, polymers and homologues	---	---	0.01	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	---	---	0.01	N.D.
92	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	204-650-8	123-77-3	0.01	N.D.
93	Cyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA)	201-604-9	85-42-7	0.01	N.D.

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94	Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic Anhydride	247-094-1 243-072-0 256-356-4 260-566-1	25550-51-0 19438-60-9 48122-14-1 57110-29-9	0.01	N.D.
95	Methoxy acetic acid	210-894-6	625-45-6	0.01	N.D.
96	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	284-032-2	84777-06-0	0.01	N.D.
97	Diisopentylphthalate (DIPP)	210-088-4	605-50-5	0.01	N.D.
98	N-pentyl-isopentylphthalate	---	---	0.01	N.D.
99	1,2-Diethoxyethane	211-076-1	629-14-1	0.01	N.D.
100	N,N-dimethylformamide; dimethyl formamide	200-679-5	68-12-2	0.01	N.D.
101	Dibutyltin dichloride (DBT)	211-670-0	683-18-1	0.01	N.D.
102	Acetic acid, lead salt, basic	257-175-3	51404-69-4	0.01	N.D.
103	Basic lead carbonate (trileadbis(carbonate)dihydroxide)	215-290-6	1319-46-6	0.01	N.D.
104	Lead oxide sulfate (basic lead sulfate)	234-853-7	12036-76-9	0.01	N.D.
105	[Phthalato(2-)]dioxotrilead (dibasic lead phthalate)	273-688-5	69011-06-9	0.01	N.D.
106	Dioxobis(stearato)trilead	235-702-8	12578-12-0	0.01	N.D.
107	Fatty acids, C16-18, lead salts	292-966-7	91031-62-8	0.01	N.D.
108	Lead bis(tetrafluoroborate	237-486-0	13814-96-5	0.01	N.D.
109	Lead cyanamate	244-073-9	20837-86-9	0.01	N.D.
110	Lead dinitrate	233-245-9	10099-74-8	0.01	N.D.
111	Lead oxide (lead monoxide)	215-267-0	1317-36-8	0.01	N.D.
112	Lead tetroxide (orange lead)	215-235-6	1314-41-6	0.01	N.D.
113	Lead titanium trioxide	235-038-9	12060-00-3	0.01	N.D.
114	Lead Titanium Zirconium Oxide	235-727-4	12626-81-2	0.01	N.D.
115	Pentalead tetraoxide sulphate	235-067-7	12065-90-6	0.01	N.D.
116	Pyrochlore, antimony lead yellow C.I	232-382-1	8012-00-8	0.01	N.D.
117	Silicic acid, barium salt, lead-doped	272-271-5	68784-75-8	0.01	N.D.
118	Silicic acid, lead salt	234-363-3	11120-22-2	0.01	N.D.
119	Sulfurous acid, lead salt, dibasic	263-467-1	62229-08-7	0.01	N.D.
120	Tetraethyllead	201-075-4	78-00-2	0.01	N.D.
121	Tetralead trioxide sulphate	235-380-9	12202-17-4	0.01	N.D.
122	Trilead dioxide phosphonate	235-252-2	12141-20-7	0.01	N.D.

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123	Furan	203-727-3	110-00-9	0.01	N.D.
124	Propylene oxide; 1,2-epoxypropane; methyloxirane	200-879-2	75-56-9	0.01	N.D.
125	Diethyl sulphate	200-589-6	64-67-5	0.01	N.D.
126	Dimethyl sulphate	201-058-1	77-78-1	0.01	N.D.
127	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine3-	421-150-7	143860-04-2	0.01	N.D.
128	Dinoseb	201-861-7	88-85-7	0.01	N.D.
129	4,4'-methylenedi-o-toluidine	212-658-8	838-88-0	0.01	N.D.
130	4,4'-oxydianiline and its salts	202-977-0	101-80-4	0.01	N.D.
131	4-Aminoazobenzene; 4-Phenylazoaniline	200-453-6	60-09-3	0.01	N.D.
132	4-methyl-m-phenylenediamine (2,4-toluene-diamine)	202-453-1	95-80-7	0.01	N.D.
133	6-methoxy-m-toluidine(p-cresidine)	204-419-1	120-71-8	0.01	N.D.
134	Biphenyl-4-ylamine	202-177-1	92-67-1	0.01	N.D.
135	O-aminoazotoluene	202-591-2	97-56-3	0.01	N.D.
136	O-Toluidine; 2-Aminotoluene	202-429-0	95-53-4	0.01	N.D.
137	N-methylacetamide	201-182-6	79-16-3	0.01	N.D.
138	1-bromopropane; n-propyl bromide	203-445-0	106-94-5	0.01	N.D.
139	Cadmium	231-152-8	7440-43-9	0.01	N.D.
140	Cadmium oxide	215-146-2	1306-19-0	0.01	N.D.
141	Ammonium pentadecafluorooctanoate (APFO)	223-320-4	3825-26-1	0.01	N.D.
142	Pentadecafluorooctanoic acid(PFOA)	206-397-9	335-67-1	0.01	N.D.
143	Dipentyl phthalate (DPP)	205-017-9	131-18-0	0.01	N.D.
144	4-Nonylphenol, branched and linear, ethoxylated	---	---	0.01	N.D.
145	Cadmium sulphide	215-147-8	7306-23-6	0.01	N.D.
146	Dihexyl phthalate (DHXP)	201-559-5	84-75-3	0.01	N.D.
147	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate)(C.I. Direct Red 28)	209-358-4	573-58-0	0.01	N.D.
148	Disodium 4-amino-3'-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	217-710-3	1937-37-7	0.01	N.D.
149	Imidazolidine-2-thione; (2-imidazoline-2-thiol)	202-506-9	96-45-7	0.01	N.D.

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150	Lead di(acetate) (II)	206-104-4	301-04-2	0.01	N.D.
151	Trixylyl phosphate	246-677-8	25155-23-1	0.01	N.D.
152	1,2-benzenedicarboxylic acid, diethyl ester, branched and linear	271-093-5	68515-50-4	0.01	N.D.
153	Cadmium chloride	233-296-7	10108-64-2	0.01	N.D.
154	Sodium perborate	231-556-4	7632-04-4	0.01	N.D.
155	Sodium perborate tetrahydrate	239-172-9	10486-00-7	0.01	N.D.
156	Cadmium fluoride	232-222-0	7790-79-6	0.01	N.D.
157	Cadmium sulphate	233-331-6	10124-36-4 31119-53-6	0.01	N.D.
158	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	223-346-6	0.01	N.D.
159	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	239-622-4	15571-58-1	0.01	N.D.
160	2-(2H-benzotriazol-2-yl)-4,6-ditertpentyl phenol (UV-328)	25973-55-1	247-384-8	0.01	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)	---	---	0.01	N.D.
162	1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters	---	---	0.01	N.D.
163	2-(2,4-Dimethylcyclohex-3-ene-1-yl)-5-methyl-5-(1-methylpropyl)-1,3-dioxane	---	117933-89-8	0.01	N.D.
164	Nitrobenzene	202-716-0	98-95-3	0.01	N.D.
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	223-383-8	3864-99-1	0.01	N.D.
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	253-037-1	36437-37-3	0.01	N.D.
167	1,3-propanesul tone	214-317-9	1120-71-4	0.01	N.D.
168	Perfluorononan-1-oic acid and its sodium and ammonium salts	206-801-3	375-95-1 21049-39-8 4149-60-4	0.01	N.D.
169	Dicyclohexyl phthalate	201-545-9	84-61-7	0.01	N.D.

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170	(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptane-2-one(4-methylbenzylidene camphor)	253-242-6	36861-47-9	0.01	N.D.
171	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.
172	Benzo[def]chrysene (Benzo[a]pyrene)	200-028-5	50-32-8	0.01	N.D.
173	4-tert-amylphenol	80-46-6	201-280-9	0.01	N.D.
174	4- tert butyl phenol	98-54-4	202-679-0	0.01	N.D.

..... To be continued.....

Remark 1

1) In accordance with Regulation(EC) No.1907/2006, any producer or importer of articles shall notify ECHA, in accordance with paragraph 4 of Article 7, if a substance meets the criteria in Article 57 and is identified in accordance with Article 59(1), if both the following conditions are met:

- (a) the substance is present in those articles in quantities totalling over 1 tonne per producer or importer per year;
- (b) the substance is present in those articles above a concentration of 0,1 % weight by weight (w/w).

2) From 28 October 2008, EU &EEA suppliers of articles which contain substances on the Candidate List in a concentration above 0.1% (w/w) must provide sufficient information, available to them, to their customers and on request to a consumer within 45 days of the receipt of this request. This information must ensure safe use of the article and, as a minimum, include the name of the substance.

Remark 2

1) Calculated concentration of cobalt dichloride, cobalt(II) sulphate, cobalt(II)dinitrate, cobalt(II) carbonate and cobalt(II) diacetate is based on the identified heavy metal and anion result. Calculated concentration of diarsenic pentaoxide, diarsenic trioxide, chromium trioxide,sodium dichromate, dehydrate, lead hydrogen arsenate, triethyl arsenate, lead chromate, sodium chromate,strontium chromate ,potassium chromate, ammonium dichromate,potassium dichromate, lead chromate molybdate sulfate red, lead sulfochromate yellow and acids generated from chromium trioxide and their oligomers, Lead dipicrate, Lead styphnate, Lead azide Lead diazide, Trilead diarsenate , Calcium arsenate , Arsenic acid , Potassium hydroxyoctaoxodizincatedi-chromate, Dichromium tris(chromate),Pentazinc chromate octahydroxide, Lead(II) bis(methanesulfonate), Diboron trioxide ,Acetic acid, lead salt, basic, Basic lead carbonate (trilead bis(carbonate)dihydroxide), Lead oxide sulfate (basic lead sulfate), [Phthalato(2-)]dioxotrilead (dibasic lead phthalate), Dioxobis(stearato)trilead, Fatty acids, C16-18, lead salts, Lead bis(tetrafluoroborate), Lead cyanimate, Lead dinitrate, Lead oxide (lead monoxide), Lead tetroxide (orange lead), Lead titanium trioxide, Lead Titanium Zirconium Oxide ,Pentalead tetraoxide sulphate , Pyrochlore, antimony lead yellow ,Silicic acid, barium salt, lead-doped , Sulfurous acid, lead salt, dibasic, Tetraethyllead, Tetralead trioxide sulphate, Trilead dioxidophosphonate, Cadmium oxide, Cadmium sulphide, Lead di(acetate) (II) are based on the identified heavy metal result,boric acid, disodium tetraborate, anhydrous and tetraboron disodium heptaoxide, hydrate are based on the identified result of boron and sodium result. The identities of above metal substances present in the article have to be further confirmed.

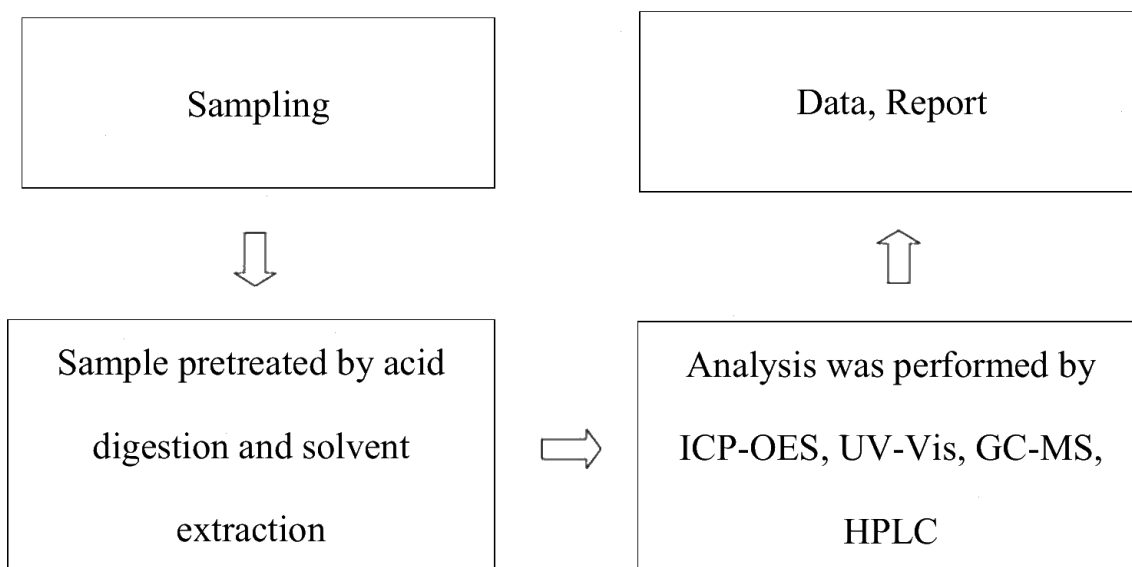
2) Concentration of bis(tributyltin)oxide, TBTO is reported as tributyltin, TBT. The result is a screening test of TBTO and can cover TBTO and other salts under current technologies. Further investigation is needed to have the exact amount of TBTO;

3) Calculated concentration of Aluminosilicate, Refractory Ceramic Fibres ;Zirconia Aluminosilicate, Refractory Ceramic Fibres is based on the identified heavy metal result and confirmation by microscope;

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

5) Not detected, less than method detection limit(MDL)

FLOW CHART



.....To be continued.....