

Test Report

No.: EM190604034CE001X001V1

Date: Jun. 19, 2019

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Applicant : Yantai Kanfort Metal Co., Ltd
Address : No. 288 guoda road, zhaoyuan city, shandong province

Sample Name : Potassium gold cyanide/Potassium aurous cyanide
Quantity : 16g
Model : /
Lot No. : 190533
Supplier : Yantai Kanfort Metal Co., Ltd

Received Date : Jun. 04, 2019
Test Period : Jun. 04, 2019~Jun. 17, 2019

Test Summary Refer To Next Page

Signed for and on behalf of
EMTEK (Shenzhen) Co., Ltd

Tested by:

Chen Fengting, Chris
Assistant engineer

Reviewed by:

Sun Wei, Ethan
Technical supervisor

Approved by:

Liu Yang, Jerry
Authorized signatory
Jun. 19, 2019

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Test Summary

No.	Test Item	Test Conclusion
1	Directive 2011/65/EU (RoHS) and commission delegated Directive (EU)2015/863、(EU)2017/2102	Pass
2	REACH regulation (EC) No. 1907/2006 the 197 Substances of Very High Concern	Pass
3	PFOS, PFOA	N/A
4	Fluorine(F), Chlorine(Cl), Bromine(Br), Iodine(I)	N/A
5	Sb, Be, Sb ₂ O ₃	N/A
6	As, P, Co, CoCl ₂ , S	N/A
7	Phthalate	N/A
8	HBCDD	N/A
9	PVC	N/A
10	Organotin	N/A
11	TVOC	N/A
12	Bisphenol A (BPA)	N/A
13	Polycyclic Aromatic Hydrocarbons (PAHs)	N/A
14	Dimethyl fumarate (DMFu)	N/A
15	PCBs, PCTs, PCNs	N/A
16	Se, Barium	N/A
17	DBBT	N/A
18	TBBP-A	N/A

Pass: Meet the requirements; Fail: Doesn't meet the requirements; N/A: Without conclusions or provide test results only.

Sample Description

Sample No.	Sample Number	Description
01	EM190604034C001	White crystal

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Summary of Test Results

1. RoHS

1.1 Test Method

Test Item	Test Method
Cadmium (Cd), Lead (Pb)	IEC 62321-5:2013
Mercury (Hg)	IEC 62321-4:2013+AMD1:2017
Hexavalent Chromium (Cr ⁶⁺)	IEC 62321-7-2:2017
PBBs & PBDEs	IEC 62321-6:2015
DEHP, BBP, DBP, DIBP	IEC 62321-8:2017

1.2 Test Instrument

Instrument Name	Manufacturer	Instrument Model
ICP-OES	Agilent	720
UV-Vis	SHIMADZU	UV-2600
GC-MS	Agilent	7890B-5977A
GC-MS	SHIMADZU	QP2010 Ultra

1.3 Test Result: Limit according to Directive 2011/65/EU (RoHS) and commission delegated Directive (EU)2015/863、(EU)2017/2102

Test Item	Result (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
	01		
Cadmium (Cd)	N.D.	2	100
Lead (Pb)	N.D.	2	1000
Mercury (Hg)	N.D.	2	1000
Hexavalent Chromium (Cr ⁶⁺)	N.D.	8	1000

Test Item	Result (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
	01		
Polybrominated Biphenyls (Mono – Deca) (PBBs)	N.D.	--	1000

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Monobromobiphenyl	N.D.	5	--
Dibromobiphenyl	N.D.	5	--
Tribromobiphenyl	N.D.	5	--
Tetrabromobiphenyl	N.D.	5	--
Pentabromobiphenyl	N.D.	5	--
Hexabromobiphenyl	N.D.	5	--
Heptabromobiphenyl	N.D.	5	--
Octabromobiphenyl	N.D.	5	--
Nonabromobiphenyl	N.D.	5	--
Decabromobiphenyl	N.D.	5	--
Polybrominated Diphenylethers (Mono – Deca) (PBDEs)	N.D.	--	1000
Monobromodiphenyl ether	N.D.	5	--
Dibromodiphenyl ether	N.D.	5	--
Tribromodiphenyl ether	N.D.	5	--
Tetrabromodiphenyl ether	N.D.	5	--
Pentabromodiphenyl ether	N.D.	5	--
Hexabromodiphenyl ether	N.D.	5	--
Heptabromodiphenyl ether	N.D.	5	--
Octabromodiphenyl ether	N.D.	5	--
Nonabromodiphenyl ether	N.D.	5	--
Decabromodiphenyl ether	N.D.	5	--

Test Item	CAS No.	Result (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
		01		
Bis(2-ethylhexyl) phthalate(DEHP)	117-81-7	N.D.	30	1000
Butyl benzyl phthalate (BBP)	85-68-7	N.D.	30	1000
Dibutyl phthalate (DBP)	84-74-2	N.D.	30	1000
Diisobutyl phthalate (DIBP)	84-69-5	N.D.	30	1000

Note:

- 1) N.D. = Not Detected (Less than Detection Limit)
- 2) MDL= Method Detection Limit.
- 3) Specimens, which requested to determine Lead, Cadmium and Mercury content, have been

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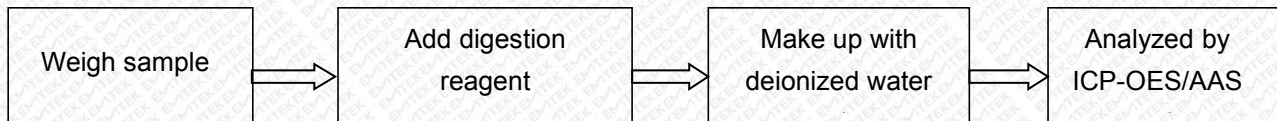
Date: Jun. 19, 2019

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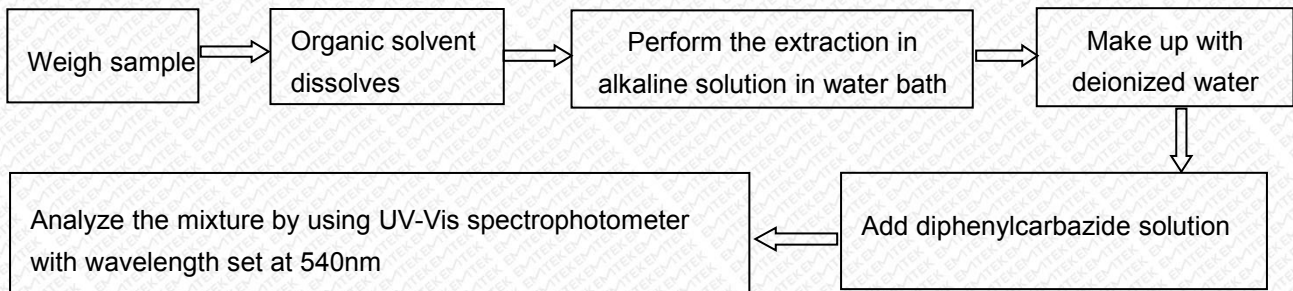
dissolved completely.

1.4 Test Flowchart

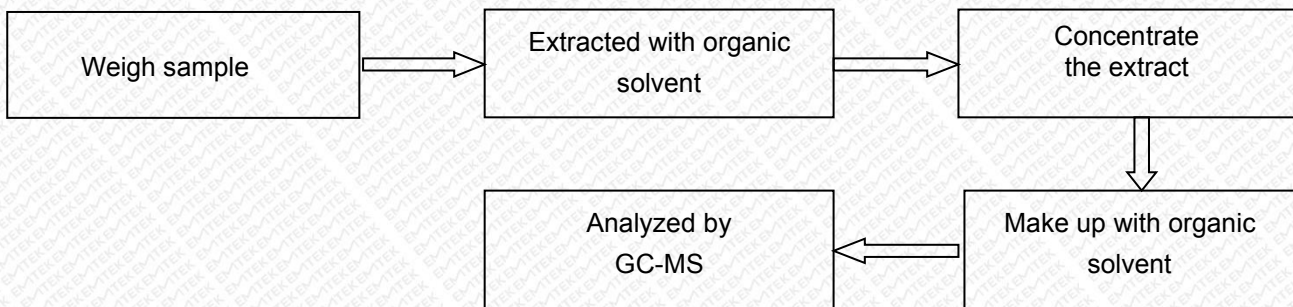
Pb, Cd, Hg Test Process:



Cr⁶⁺ Test Process:



PBBs & PBDEs, DEHP, BBP, DBP, DIBP Test Process



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2. SVHC

2.1 Test Method

Test Item	Test Method
the 197 Substances of Very High Concern (SVHC)	Acid digestion, Ultrasonic extraction, Headspace, Boiling-water-extraction, Alkali digestion, Oxygen bomb burning and Internal laboratory method of EMTEK

2.2 Test Instrument

Instrument Name	Manufacture	Model
ICP-OES	Agilent	720
UV-VIS	SHIMADZU	UV-2600
IC	Thermo Fisher	ICS-900
GC-MS	Agilent	7890B-5977A
GC-MS	SHIMADZU	QP2010 Ultra
HS-GCMS	SHIMADZU	HS-20 QP2010 Ultra
LC-MS	SHIMADZU	LCMS 2020
LC	SHIMADZU	LC-20AD

2.3 Test Result

No.	Test Item	CAS No.	EC No.	RL (%)	Result (%)
					01
1	Anthracene	120-12-7	204-371-1	0.05	N.D.
2	4,4'- Diaminodiphenyl methane	101-77-9	202-974-4	0.05	N.D.
3	Dibutyl phthalate	84-74-2	201-557-4	0.05	N.D.
4	Cobalt dichloride**	7646-79-9	231-589-4	0.005	N.D.
5	Diarsenic pentaoxide **	1303-28-2	215-116-9	0.005	N.D.
6	Diarsenic trioxide **	1327-53-3	215-481-4	0.005	N.D.
7	Sodium dichromate	7789-12-0 10588-01-9	234-190-3	0.005	N.D.

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No.	Test Item	CAS No.	EC No.	RL (%)	Result (%)
					01
8	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4	0.05	N.D.
9	Bis (2-ethyl(hexyl)phthalate)	117-81-7	204-211-0	0.05	N.D.
10	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4	247-148-4 221-695-9 (134237-50-6, 134237-51-7, 134237-52-8)	0.05	N.D.
11	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	287-476-5	0.005	N.D.
12	Bis(tributyltin)oxide*	56-35-9	200-268-0	0.05	N.D.
13	Lead hydrogen arsenate**	7784-40-9	232-064-2	0.005	N.D.
14	Benzyl butyl phthalate	85-68-7	201-622-7	0.05	N.D.
15	Triethyl arsenate	15606-95-8	427-700-2	0.005	N.D.
16	Anthracene oil	90640-80-5	292-602-7	0.05	N.D.
17	Anthracene oil, anthracene paste, distn. Lights	91995-17-4	295-278-5	0.05	N.D.
18	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9	0.05	N.D.
19	Anthracene oil, anthracene-low	90640-82-7	292-604-8	0.05	N.D.
20	Anthracene oil, anthracene paste	90640-81-6	292-603-2	0.05	N.D.
21	Coal tar pitch, high temperature	65996-93-2	266-028-2	0.05	N.D.
22	2,4-Dinitrotoluene	121-14-2	204-450-0	0.05	N.D.
23	Diisobutyl phthalate(DIBP)	84-69-5	201-553-2	0.05	N.D.
24	Lead chromate**	7758-97-6	231-846-0	0.005	N.D.

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No.	Test Item	CAS No.	EC No.	RL (%)	Result (%)
					01
25	Lead chromate molybdate sulphate red ** (C. I. Pigment Red 104)	12656-85-8	235-759-9	0.005	N.D.
26	Lead sulfochromate yellow** (C. I. Pigment Yellow 34)	1344-37-2	215-693-7	0.005	N.D.
27	Tris(2-chloroethyl) phosphate	115-96-8	204-118-5	0.05	N.D.
28	Acrylamide	79-06-1	201-173-7	0.05	N.D.
29	Trichloroethylene	79-01-6	201-167-4	0.05	N.D.
30	Boric acid **	10043-35-3 11113-50-1	233-139-2 234-343-4	0.005	N.D.
31	Disodium tetraborate, anhydrous **	1303-96-4 1330-43-4 12179-04-3	215-540-4	0.005	N.D.
32	Tetraboron disodium heptaoxide, hydrate **	12267-73-1	235-541-3	0.005	N.D.
33	Sodium chromate **	7775-11-3	231-889-5	0.005	N.D.
34	Potassium chromate **	7789-00-6	232-140-5	0.005	N.D.
35	Ammonium dichromate **	7789-09-5	232-143-1	0.005	N.D.
36	Potassium dichromate **	7778-50-9	231-906-6	0.005	N.D.
37	Cobalt(II) sulphate**	10124-43-3	233-334-2	0.005	N.D.
38	Cobalt(II) dinitrate**	10141-05-6	233-402-1	0.005	N.D.
39	Cobalt (II) carbonate**	513-79-1	208-169-4	0.005	N.D.
40	Cobalt(II) diacetate**	71-48-7	200-755-8	0.005	N.D.
41	2-Methoxyethanol	109-86-4	203-713-7	0.05	N.D.
42	2-Ethoxyethanol	110-80-5	203-804-1	0.05	N.D.
43	Chromium trioxide**	1333-82-0	215-607-8	0.005	N.D.

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No.	Test Item	CAS No.	EC No.	RL (%)	Result (%)
					01
44	Acids generated from chromium trioxide and their oligomers** Group containing: Chromic acid Dichromic acid Oligomers of chromic acid and dichromic acid	7738-94-5 13530-68-2	231-801-5 236-881-5	0.005	N.D.
45	2-ethoxyethyl acetate	111-15-9	203-839-2	0.05	N.D.
46	Strontium chromate**	7789-06-2	232-142-6	0.005	N.D.
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4	271-084-6	0.05	N.D.
48	Hydrazine	302-01-2 7803-57-8	206-114-9	0.05	N.D.
49	1-methyl-2-pyrrolidone	872-50-4	212-828-1	0.05	N.D.
50	1,2,3-trichloropropane	96-18-4	202-486-1	0.05	N.D.
51	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	276-158-1	0.05	N.D.
52	Lead styphnate**	15245-44-0	239-290-0	0.005	N.D.
53	Lead diazide, Lead azide**	13424-46-9	236-542-1	0.005	N.D.
54	Lead dipicrate**	6477-64-1	229-335-2	0.005	N.D.
55	Phenolphthalein	77-09-8	201-004-7	0.05	N.D.
56	2,2'-Dichloro-4,4'-methylene dianiline	101-14-4	202-918-9	0.05	N.D.
57	N,N-dimethylacetamide	127-19-5	204-826-4	0.05	N.D.
58	Trilead diarsenate**	3687-31-8	222-979-5	0.005	N.D.
59	Calcium arsenate**	7778-44-1	231-904-5	0.005	N.D.
60	Arsenic acid**	7778-39-4	231-901-9	0.005	N.D.

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					01
61	Bis(2-methoxyethyl) ether	111-96-6	203-924-4	0.05	N.D.
62	1,2-Dichloroethane	107-06-2	203-458-1	0.05	N.D.
63	4-(1,1,3,3-Tetramethylbutyl)phenol; 4-tert-octyl phenol	140-66-9	205-426-2	0.05	N.D.
64	2-Methoxyaniline; o-Anisidine	90-04-0	201-963-1	0.05	N.D.
65	Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6	0.05	N.D.
66	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	500-036-1	0.05	N.D.
67	Zirconia Aluminosilicate Refractory Ceramic Fibres***	/	/	0.005	N.D.
68	Aluminosilicate Refractory Ceramic Fibres***	/	/	0.005	N.D.
69	Pentazinc chromate octahydroxide**	49663-84-5	256-418-0	0.005	N.D.
70	Potassium hydroxyoctaoxodizincatedi chromate**	11103-86-9	234-329-8	0.005	N.D.
71	Dichromium tris(chromate)**	24613-89-6	246-356-2	0.005	N.D.
72	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.
73	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	202-959-2	0.05	N.D.

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No.	Test Item	CAS No.	EC No.	RL (%)	Result (%)
					01
74	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β -TGIC)	59653-74-6	423-400-0	0.05	N.D.
75	Diboron trioxide**	1303-86-2	215-125-8	0.005	N.D.
76	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	203-977-3	0.05	N.D.
77	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	209-218-2	0.05	N.D.
78	Lead(II) bis(methanesulfonate)	17570-76-2	401-750-5	0.005	N.D.
79	Formamide	75-12-7	200-842-0	0.05	N.D.
80	[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride ****	548-62-9	208-953-6	0.05	N.D.
81	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9	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)	2580-56-5	219-943-6	0.05	N.D.
83	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	2451-62-9	219-514-3	0.05	N.D.
84	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	202-027-5	0.05	N.D.

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No.	Test Item	CAS No.	EC No.	RL (%)	Result (%)
					01
85	Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4]	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.
86	6-methoxy-m-toluidine (p-cresidine)	120-71-8	204-419-1	0.05	N.D.
87	Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3]	85-42-7, 13149-00-3, 14166-21-3	201-604-9, 236-086-3, 238-009-9	0.05	N.D.
88	Pyrochlore, antimony lead yellow	8012-00-8	232-382-1	0.005	N.D.
89	Henicosfluoroundecanoic acid	2058-94-8	218-165-4	0.05	N.D.
90	4-Aminoazobenzene	60-09-3	200-453-6	0.05	N.D.
91	Silicic acid, lead salt **	11120-22-2	234-363-3	0.005	N.D.
92	Lead titanium zirconium oxide **	12626-81-2	235-727-4	0.005	N.D.
93	Lead monoxide (lead oxide) ***	1317-36-8	215-267-0	0.005	N.D.
94	o-Toluidine	95-53-4	202-429-0	0.05	N.D.
95	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	421-150-7	0.05	N.D.
96	Dibutyltin dichloride (DBTC)	683-18-1	211-670-0	0.05	N.D.
97	Lead bis(tetrafluoroborate) **	13814-96-5	237-486-0	0.005	N.D.

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No.	Test Item	CAS No.	EC No.	RL (%)	Result (%)
					01
98	Lead dinitrate **	10099-74-8	233-245-9	0.005	N.D.
99	Silicic acid (H ₂ Si ₂ O ₅), barium salt (1:1), lead-doped**	68784-75-8	272-271-5	0.005	N.D.
100	Trilead bis(carbonate)dihydroxide* *	1319-46-6	215-290-6	0.005	N.D.
101	4,4'-methylenedi-o-toluidin e	838-88-0	212-658-8	0.05	N.D.
102	Diethyl sulphate	64-67-5	200-589-6	0.05	N.D.
103	Dimethyl sulphate	77-78-1	201-058-1	0.05	N.D.
104	N,N-dimethylformamide	68-12-2	200-679-5	0.05	N.D.
105	4-(1,1,3,3-tetramethylbutyl) phenol, ethoxylated	/	/	0.05	N.D.
106	4-Nonylphenol, branched and linear	/	/	0.05	N.D.
107	Furan	110-00-9	203-727-3	0.05	N.D.
108	Lead oxide sulfate **	12036-76-9	234-853-7	0.005	N.D.
109	Lead titanium trioxide **	12060-00-3	235-038-9	0.005	N.D.
110	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	214-604-9	0.05	N.D.
111	Dinoseb (6-sec-butyl-2,4-dinitrophe nol)	88-85-7	201-861-7	0.05	N.D.
112	1,2-Diethoxyethane	629-14-1	211-076-1	0.05	N.D.
113	N-methylacetamide	79-16-3	201-182-6	0.05	N.D.
114	Tetralead trioxide sulphate **	12202-17-4	235-380-9	0.005	N.D.
115	Acetic acid, lead salt, basic **	51404-69-4	257-175-3	0.005	N.D.

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No.	Test Item	CAS No.	EC No.	RL (%)	Result (%)
					01
116	[Phthalato(2-)]dioxotrilead* *	69011-06-9	273-688-5	0.005	N.D.
117	Tetraethyllead **	78-00-2	201-075-4	0.005	N.D.
118	N-pentyl-isopentylphthalate	776297-69-9	/	0.005	N.D.
119	Pentalead tetraoxide sulphate **	12065-90-6	235-067-7	0.005	N.D.
120	Heptacosafuorotetradecanoic acid	376-06-7	206-803-4	0.05	N.D.
121	Tricosafuorododecanoic acid	307-55-1	206-203-2	0.05	N.D.
122	1-bromopropane (n-propyl bromide)	106-94-5	203-445-0	0.05	N.D.
123	Dioxobis(stearato)trilead	12578-12-0	235-702-8	0.005	N.D.
124	Pentacosafuorotridecanoic acid	72629-94-8	276-745-2	0.05	N.D.
125	Methoxyacetic acid	625-45-6	210-894-6	0.05	N.D.
126	Methyloxirane (Propylene oxide)	75-56-9	200-879-2	0.05	N.D.
127	Trilead dioxide phosphonate	12141-20-7	235-252-2	0.005	N.D.
128	o-aminoazotoluene	97-56-3	202-591-2	0.05	N.D.
129	4-methyl-m-phenylenediamine	95-80-7	202-453-1	0.05	N.D.
130	Diisopentylphthalate	605-50-5	210-088-4	0.05	N.D.
131	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2	0.05	N.D.
132	Biphenyl-4-ylamine	92-67-1	202-177-1	0.05	N.D.
133	Fatty acids, C16-18, lead salts **	91031-62-8	292-966-7	0.005	N.D.

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No.	Test Item	CAS No.	EC No.	RL (%)	Result (%)
					01
134	Orange lead (lead tetroxide) **	1314-41-6	215-235-6	0.005	N.D.
135	4,4'-oxydianiline and its salts	101-80-4	202-977-0	0.05	N.D.
136	Diazene-1,2-dicarboxamide (C,C'-azodi (formamide))	123-77-3	204-650-8	0.05	N.D.
137	Sulfurous acid, lead salt, dibasic **	62229-08-7	263-467-1	0.005	N.D.
138	Lead cyanamidate **	20837-86-9	244-073-9	0.005	N.D.
139	Cadmium	7440-43-9	231-152-8	0.005	N.D.
140	Cadmium oxide	1306-19-0	215-146-2	0.005	N.D.
141	Dipentyl phthalate (DPP)	131-18-0	205-017-9	0.05	N.D.
142	4-Nonylphenol, branched and linear, ethoxylated	/	/	0.05	N.D.
143	Ammonium pentadecafluorooctanoate(APFO)	3825-26-1	223-320-4	0.05	N.D.
144	Pentadecafluorooctanoic acid(PFOA)	335-67-1	206-397-9	0.05	N.D.
145	Cadmium sulphide**	1306-23-6	215-147-8	0.005	N.D.
146	Dihexyl phthalate	84-75-3	201-559-5	0.05	N.D.
147	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	0.05	N.D.

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No.	Test Item	CAS No.	EC No.	RL (%)	Result (%)
					01
148	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	1937-37-7	217-710-3	0.05	N.D.
149	Imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7	202-506-9	0.05	N.D.
150	Lead di(acetate)**	301-04-2	206-104-4	0.005	N.D.
151	Trixylyl phosphate	25155-23-1	246-677-8	0.05	N.D.
152	Cadmium chloride**	10108-64-2	233-296-7	0.005	N.D.
153	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	271-093-5	0.05	N.D.
154	Sodium perborate**	7632-04-4	231-556-4	0.005	N.D.
155	Sodium perborate; perboric acid, sodium salt **	/	239-172-9 234-390-0	0.005	N.D.
156	2-(2'-Hydroxy-3',5'-di-tert-butylphenyl)benzotriazole (UV-320)	3846-71-7	223-346-6	0.05	N.D.
157	UV-328	25973-55-1	247-384-8	0.05	N.D.
158	Cadmium fluoride**	7790-79-6	232-222-0	0.005	N.D.
159	Cadmium sulphate**	10124-36-4; 31119-53-6	233-331-6	0.005	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.

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No.	Test Item	CAS No.	EC No.	RL (%)	Result (%)
					01
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.
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	68515-51-5 68648-93-1	271-094-0 272-013-1	0.05	N.D.
163	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	/	/	0.05	N.D.

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No.	Test Item	CAS No.	EC No.	RL (%)	Result (%)
					01
164	Nitrobenzene	98-95-3	202-716-0	0.05	N.D.
165	2,4-di-tert-butyl-6-(5-chloro benzotriazol-2-yl)phenol (UV-327)	3864-99-1	223-383-8	0.05	N.D.
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	253-037-1	0.05	N.D.
167	1,3-propanesultone	1120-71-4	214-317-9	0.05	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	0.05	N.D.
169	Benzo[a]pyrene	50-32-8	200-028-5	0.05	N.D.
170	4,4'-isopropylidenediphenol (bisphenol A; BPA)	80-05-7	201-245-8	0.05	N.D.
171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	335-76-2 3830-45-3 3108-42-7	206-400-3 / 221-470-5	0.05	N.D.
172	p-(1,1-dimethylpropyl)phenol	80-46-6	201-280-9	0.05	N.D.

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No.	Test Item	CAS No.	EC No.	RL (%)	Result (%)
					01
173	4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	/	/	0.05	N.D.
174	Perfluorohexane-1-sulfonic acid and its salts (PFHxS)	/	/	0.05	N.D.
175	Chrysene	218-01-9	205-923-4	0.05	N.D.
176	Benz[a]anthracene	56-55-3	200-280-6	0.05	N.D.
177	Cadmium nitrate	10325-94-7	233-710-6	0.005	N.D.
178	Cadmium hydroxide	21041-95-2	244-168-5	0.005	N.D.
179	Cadmium carbonate	513-78-0	208-168-9	0.005	N.D.
180	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[1.2.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	/	/	0.05	N.D.

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No.	Test Item	CAS No.	EC No.	RL (%)	Result (%)
					01
181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with $\geq 0.1\%$ w/w 4-heptylphenol, branched and linear]	/	/	0.05	N.D.
182	Octamethylcyclotetrasiloxane (D4)	556-67-2	209-136-7	0.05	N.D.
183	Decamethylcyclopentasiloxane (D5)	541-02-6	208-764-9	0.05	N.D.
184	Dodecamethylcyclohexasiloxane (D6)	540-97-6	208-762-8	0.05	N.D.
185	Lead	7439-92-1	231-100-4	0.005	N.D.
186	Disodium octaborate	12008-41-2	234-541-0	0.005	N.D.
187	Benzo[ghi]perylene	191-24-2	205-883-8	0.05	N.D.
188	Terphenyl hydrogenated	61788-32-7	262-967-7	0.05	N.D.
189	Ethylenediamine (EDA)	107-15-3	203-468-6	0.05	N.D.
190	Benzene-1,2,4-tricarboxylic acid 1, 2-anhydride (trimellitic anhydride) (TMA)	552-30-7	209-008-0	0.05	N.D.
191	Dicyclohexyl phthalate (DCHP)	84-61-7	201-545-9	0.05	N.D.
192	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	401-720-1	0.05	N.D.
193	Benzo[k]fluoranthene	207-08-9	205-916-6	0.05	N.D.
194	Fluoranthene	206-44-0	205-912-4	0.05	N.D.
195	Phenanthrene	85-01-8	201-581-5	0.05	N.D.

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No.	Test Item	CAS No.	EC No.	RL (%)	Result (%)
					01
196	Pyrene	129-00-0	204-927-3	0.05	N.D.
197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	15087-24-8	239-139-9	0.05	N.D.

Note

- 1) N.D.=Not Detected(Less Than RL)
- 2) RL=Report Limit
- 3) 0.1%=1000mg/kg
- 4) *The substance is calculated by using the test results of Tributyl Tin (testing instrument: GC-MS).
- 5) **The substance is calculated by using the test results of element (Ex. Arsenic, Lead, Cobalt, Sodium, Boron or Cr (VI) respectively (testing instrument: ICP-OES)).
- 6) ***All refractory ceramic fibres are covered by index number 650-017-00-8 in Annex VI of the Regulation on Classification, Labeling and Packing of Chemical substances and mixtures, the so called CLP Regulation (Regulation (EC) No 1272/2008).
- 7) ****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).
- 8) The SVHC concentration is based on the assessment of the result and the characteristic of material.
- 9) Definition of classification is listed on Appendix A of this report in accordance with 67/548/EEC and Regulation (EC) No 1907/2006.

Appendix A

Classification	Definition under 67/548/EEC AND Regulation (EC) No1907/2006
Carcinogen Category 1	: Substances known to be carcinogenic to man. There is sufficient evidence to establish a causal association between human exposure to a substance and the development of cancer.
Carcinogen Category 2	: Substances which should be regarded as if they are carcinogenic to man. There is sufficient evidence to provide a strong presumption that human exposure to a substance may result in the development of cancer. Generally on the basis of: - appropriate long-term animal studies - other relevant in formation.
Mutagen	: Substances known to be mutagenic to man. There is sufficient evidence to establish a

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Category 1	causal association between human exposure to substances and heritable genetic damage.
Mutagen Category 2	: Substances which should be regarded as if they are mutagenic to man. There is sufficient evidence to provide a strong presumption that human exposure to the substance may result in the development of heritable genetic damage, generally on the basis of: - appropriate animal studies - other relevant information
Toxic to Reproduction Category 1	: Substances known to impair fertility in humans. There is sufficient evidence to establish a causal relationship between human exposure to the substance and impaired fertility. Substances known to cause developmental toxicity in humans. There is sufficient evidence to establish a causal relationship between human exposure to the substance and subsequent developmental toxic effects in the progeny.
Toxic to Reproduction Category 2	: Substances which should be regarded as if they impair fertility in humans. There is sufficient evidence to provide a strong presumption that human exposure to the substance may result in impaired fertility in the basis of: - clear evidence in animal studies of impaired fertility in the absence of toxic effects, or, evidence of impaired fertility occurring at around the same dose levels as other toxic effects - other relevant information Substances which should be regarded as if they cause developmental toxicity to humans. There is sufficient evidence to provide a strong presumption that human exposure to the substance may result in developmental toxicity, generally on the basis of: - clear results in appropriate animal studies where effects have been observed in the absence of signs of marked maternal toxicity, or at around the same dose levels as other toxic effects but which are not a secondary non-specific consequence of the other toxic effects. - other relevant information.
PBT & vPvB	: Substances which are persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) pose a particular challenge to the chemicals safety management. For these substances a "safe" concentration in the environment cannot be established with sufficient reliability.

Note

1. The chemical analysis of 197 SVHC is performed by means of currently available analytical techniques against the list published by ECHA on Oct. 28, 2008, Jan. 13, 2010, Mar. 30, 2010, Jun. 18, 2010, Dec. 15, 2010, Jun. 20, 2011, Dec. 19, 2011, Jun. 18, 2012, Dec. 19, 2012, Jun. 20, 2013 Dec. 16, 2013, Jun. 16,

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2014 ,Dec. 17, 2014,Jun. 15, 2015, Dec. 17, 2015 , Jun. 20, 2016 , Jan. 12, 2017 , Jul. 10, 2017, Jan. 15, 2018, Jun. 27, 2018 and Jan. 15, 2019 shall refer to [http://echa.europa.eu/chem data/candidate list en.asp](http://echa.europa.eu/chem_data/candidate_list_en.asp)
This is an up-to-date version of the list as well as background information on is and related obligations.

2. 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 condition in Article 57 and is identified in accordance with Article 59(1) of the regulation, if (a) the substance is present in these articles in quantities totalling over one tonne per producer or importer per year and (b) the substance is present in those articles above & concentration of 0.1% weight by weight (w/w).
3. Article 33 of Regulation (EC) No.1907/2006 requires supplier of an article containing a substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration above 0.1% weight by weight (w/w) shall provide the recipient of the article with sufficient information available to the supplier to allow safe use of the article including as a minimum the name of that substance.

3. PFOS, PFOA

3.1 Test Method

Test Item	Test Method
PFOS, PFOA	US EPA 3550C:2007

3.2 Test Instrument

Instrument Name	Manufacturer	Model
LC-MS	SHIMADZU	LCMS 2020

3.3 Test Result

Test Item	Unit	Result	MDL
		01	
Perfluorooctane sulfonic acid and its derivatives (PFOS)	mg/kg	N.D.	10
Perfluorooctanoic Acid (PFOA)	mg/kg	N.D.	10

Note

- 1) N.D. = Not Detected (Less than Detection Limit)
- 2) MDL= Method Detection Limit.

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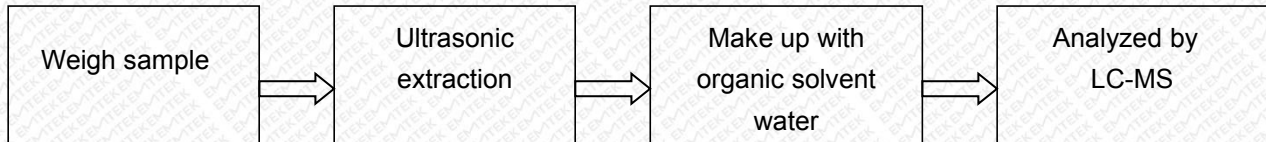
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3.4 Test Flowchart



4. Fluorine(F), Chlorine(Cl), Bromine(Br), Iodine(I)

4.1 Test Method

Test Item	Test Method
Fluorine(F), Chlorine(Cl), Bromine(Br), Iodine(I)	EN 14582:2007

4.2 Test Instrument

Instrument Name	Manufacturer	Instrument Model
IC	Thermo Fisher	ICS-900

4.3 Test Result: Limit value reference to Halogen-free requirements IEC 61249-2-21: 2003.

Test Item	Result (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
	01		
Fluorine(F)	N.D.	50	----
Chlorine(Cl)	N.D.	50	900
Bromine(Br)	N.D.	50	900
Iodine(I)	N.D.	50	----
Chlorine(Cl)+ Bromine(Br)	N.D.	/	1500

Note

- 1) N.D. = Not Detected (Less than Detection Limit)
- 2) MDL= Method Detection Limit.
- 3) "----": IEC 61249-2-21: 2003 isn't Regulated Limit Requirement.

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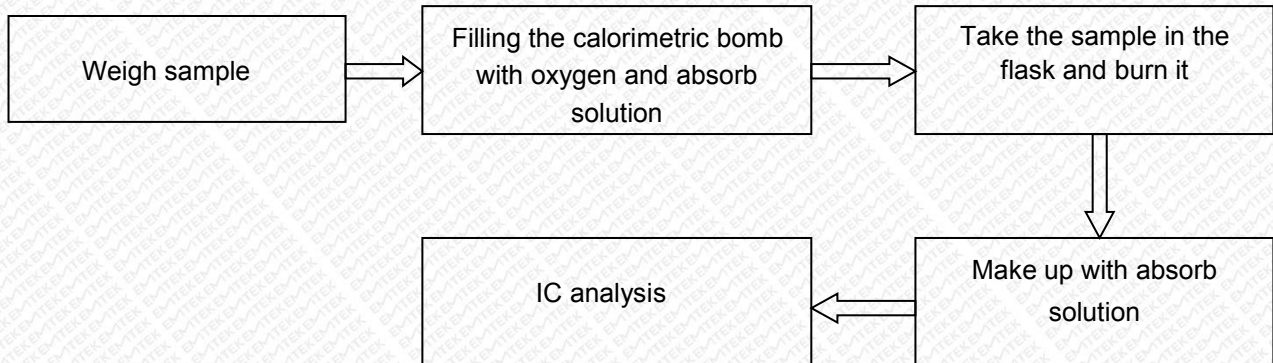
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4.4 Test Flowchart



5. Sb, Be, Sb₂O₃

5.1 Test Method

Test Item	Test Method
Sb, Be, Sb ₂ O ₃	US EPA3052:1996

5.2 Test Instrument

Instrument Name	Manufacture	Instrument Model
ICP-OES	Agilent	720

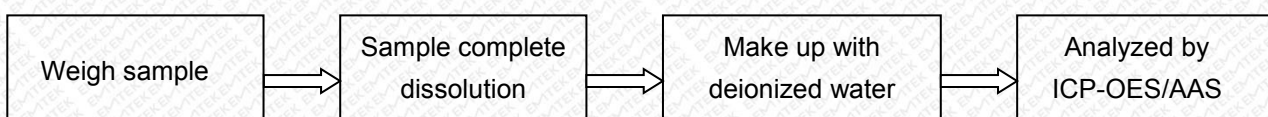
5.3 Test Result

Test Item	Unit	Result	MDL
		01	
Sb	mg/kg	N.D.	2
Be	mg/kg	N.D.	2
Sb ₂ O ₃	mg/kg	N.D.	2

Note

- 1) N.D. = Not Detected (Less than Detection Limit)
- 2) MDL= Method Detection Limit.

5.4 Test Flowchart



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6. As, P, Co, CoCl₂, S

6.1 Test Method

Test Item	Test Method
As, P, Co, CoCl ₂ , S	US EPA3050B:1996

6.2 Test Instrument

Instrument Name	Manufacture	Instrument Model
ICP-OES	Agilent	720

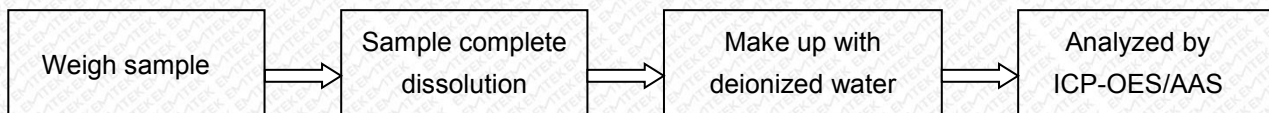
6.3 Test Result

Test Item	Unit	Result	MDL
		01	
As	mg/kg	N.D.	2
P	mg/kg	N.D.	2
Co	mg/kg	N.D.	2
CoCl ₂	mg/kg	N.D.	2
S	mg/kg	N.D.	2

Note

- 1) N.D. = Not Detected (Less than Detection Limit)
- 2) MDL= Method Detection Limit.

6.4 Test Flowchart



7. Phthalate

7.1 Test Method

Test Item	Test Method
Phthalate	US EPA 3550C:2007&US EPA 8270E:2018

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7.2 Test Instrument

Instrument Name	Manufacturer	Instrument Model
GC-MS	SHIMADZU	QP2010 Ultra

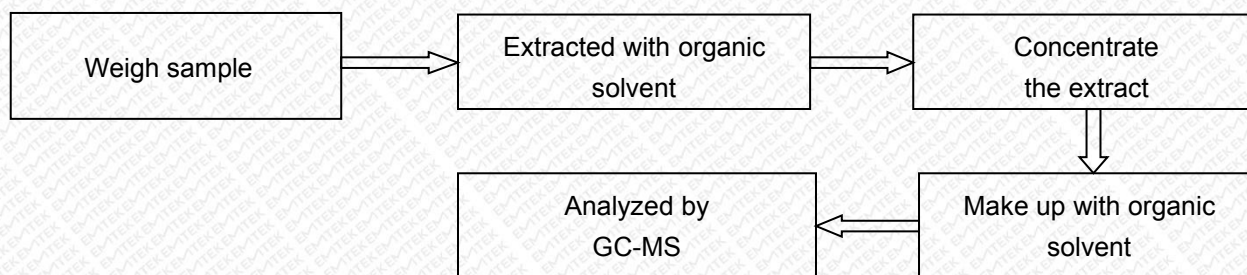
7.3 Test Result

Test Item	CAS No.	Result (mg/kg)	MDL (mg/kg)
		01	
Diisononyl phthalate(DINP)	28553-12-0 68515-48-0	N.D.	50
Diisoheptyl phthalate(DIDP)	68515-49-1 26761-40-0	N.D.	50
Di-n-octyl phthalate(DNOP)	117-84-0	N.D.	30
Di(2-ethylhexyl) phthalate(DEHP) (DOP)	117-81-7	N.D.	30
Dihexyl phthalate (DNHP&DHXP)	84-75-3	N.D.	30
Dipentyl phthalate (DPP)	131-18-0	N.D.	30
Di-n-butyl phthalate(DBP)	84-74-2	N.D.	30
Diisobutyl phthalate(DIBP)	84-69-5	N.D.	30

Note

- 1) N.D. = Not Detected (Less than Detection Limit)
- 2) MDL= Method Detection Limit.

7.4 Test Flowchart



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8. HBCDD

8.1 Test Method

Test Item	Test Method
Hexabromocyclododecan (HBCDD)	US EPA 3540C:1996

8.2 Test Instrument

Instrument Name	Manufacturer	Instrument Model
GC-MS	Agilent	7890B-5977A

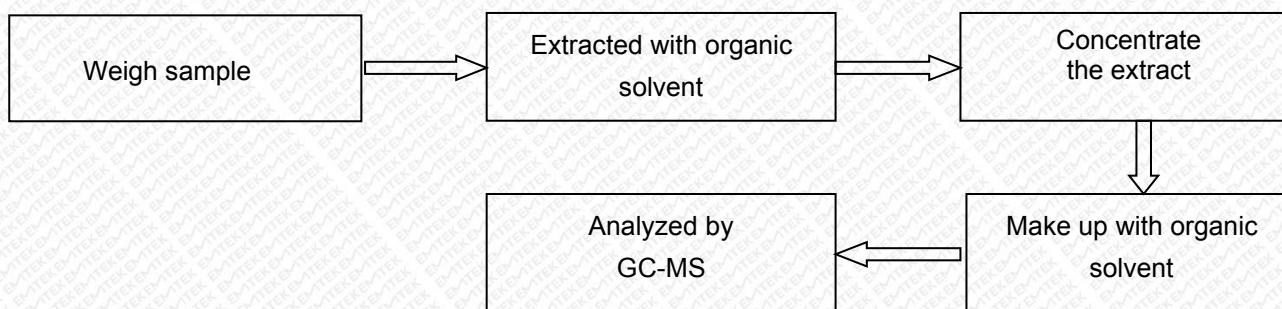
8.3 Test Result: Limit according to REACH regulation (EC) No. 1907/2006

Test Item	Unit	Result (mg/kg)	MDL	Limit
		01		
Hexabromocyclododecan(HBCDD)	mg/kg	N.D.	5	1000

Note

- 1) N.D. = Not Detected (<MDL)
- 2) MDL= Method Detection Limit.

8.4 Test Flowchart



9. Qualitative analysis of Polyvinyl chloride

9.1 Test Method

Test Item	Test Method
Qualitative analysis of Polyvinyl chloride	ASTM D2124-99(R2011)

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9.2 Test Instrument

Instrument Name	Manufacturer	Instrument Model
FT-IR	Thermo	Nicolet is 10

9.3 Test Result

Test Item	Result
	01
Qualitative analysis of Polyvinyl chloride	The sample doesn't contain PVC

10. Organotin

10.1 Test Method

Test Item	Test Method
Organotin	ISO 17353: 2004

10.2 Test Instrument

Instrument Name	Manufacturer	Instrument Model
GC-MS	SHIMADZU	QP2010 Ultra

10.3 Test Result

Test Item	Unit	Result	MDL
		01	
TBTO*	mg/kg	N.D.	0.2
DBT	mg/kg	N.D.	0.2
TBT	mg/kg	N.D.	0.2
DOT	mg/kg	N.D.	0.2
TPT&TPhT	mg/kg	N.D.	0.2

Note

- 1) N.D. = Not Detected (Less than Detection Limit)
- 2) MDL= Method Detection Limit.
- 3) *The content of TBTO as TBT.

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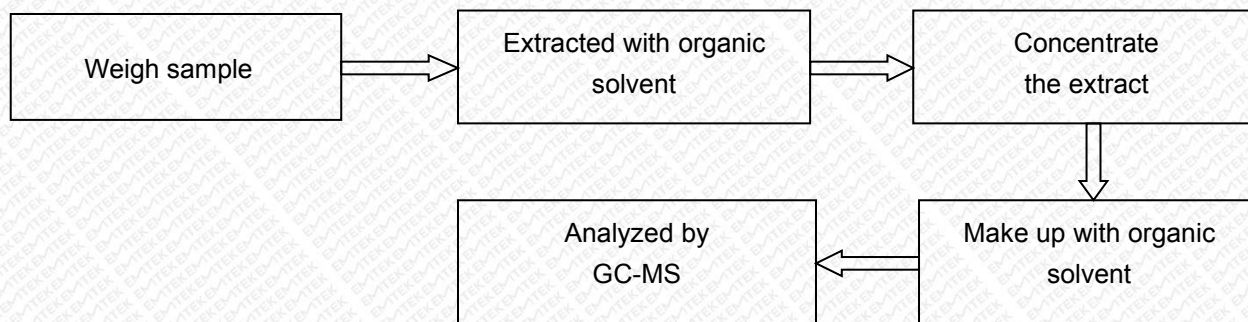
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10.4 Test Flowchart



11. TVOC

11.1 Test Method

Test Item	Test Method
TVOC	Samsung TVOC Test Guide Rev.3

11.2 Test Instrument

Instrument Name	Manufacturer	Instrument Model
TD	MARKES	TD-100
GC-MS	Agilent	7890B-5977A
HPLC	SHIMADZU	LC-20AD

11.3 Test Result

Test Item	Unit	Result	MDL
		01	
Toluene	ppm	N.D.	16
Benzene	ppm	N.D.	0.8
Formaldehyde	ppm	N.D.	0.08
Phosphine	ppm	N.D.	0.08
TVOC	ppm	N.D.	16

Note

- 1) N.D. = Not Detected (Less than Detection Limit)
- 2) MDL= Method Detection Limit.

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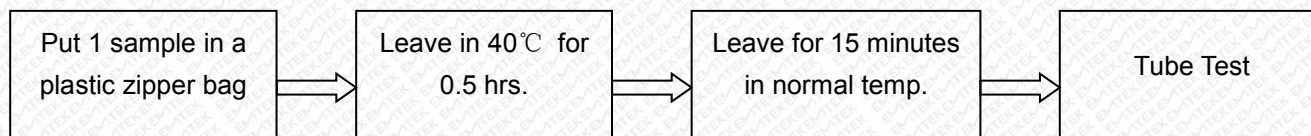
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11.4 Test Flowchart



12. Bisphenol A (BPA)

12.1 Test Method

Test Item	Test Method
Bisphenol A (BPA)	US EPA 3550C:2007

12.2 Test Instrument

Instrument Name	Instrument Manufacture	Instrument Model
LC-PDA	SHIMADZU	LC-20AD

12.3 Test Result

Test Item	CAS No.	Result (mg/kg)	MDL (mg/kg)
		01	
Bisphenol A (BPA)	80-05-7	N.D.	5

Note

- 1) N.D.=Not Detected (Less than MDL)
- 2) MDL= Method Detection Limit

13. Polycyclic Aromatic Hydrocarbons (PAHs)

13.1 Test Method

Test Item	Test Method
Polycyclic Aromatic Hydrocarbons (PAHs)	AfPS GS 2014:01 PAK

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13.2 Test Instrument

Instrument Name	Manufacturer	Instrument Model
GC-MS	Agilent	7890B-5977A

13.3 Test Result

Test Item	CAS No.	Result (mg/kg)	MDL (mg/kg)
		01	
Benzo[a]pyrene (BaP)	50-32-8	N.D.	0.2
Benzo[e]pyrene (BeP)	192-97-2	N.D.	0.2
Benzo[a]anthracene (BaA)	56-55-3	N.D.	0.2
Benzo[b]fluoranthene (BbF)	205-99-2	N.D.	0.2
Benzo[j]fluoranthene (BjF)	205-82-3		
Benzo[k]fluoranthene (BkF)	207-08-9	N.D.	0.2
Chrysene (CHR)	218-01-9	N.D.	0.2
Dibenzo[a,h]anthracene (DBA)	53-70-3	N.D.	0.2
Benzo[g,h,i]perylene (BPE)	191-24-2	N.D.	0.2
Indeno[1,2,3-cd]pyrene (IPY)	193-39-5	N.D.	0.2
Acenaphthylene (ANY)#	208-96-8	N.D.	0.2
Acenaphthene (ANA)#	83-32-9	N.D.	0.2
Fluorene (FLU)#	86-73-7	N.D.	0.2
Phenanthrene (PHE)#	85-01-8	N.D.	0.2
Anthracene (ANT)#	120-12-7	N.D.	0.2
Fluoranthene (FLT)#	206-44-0	N.D.	0.2
Pyrene (PYR)#	129-00-0	N.D.	0.2
Sum of 7 PAH#	--	N.D.	--
Naphthalene (NAP)	91-20-3	N.D.	0.2
Sum of 18 PAH	--	N.D.	--

Note

- 1) N.D. = Not Detected (<MDL)
- 2) MDL= Method Detection Limit.
- 3) 0.1%=1000mg/kg.
- 4) 7 PAH#= Acenaphthylene(ANY), Acenaphthene(ANA), Fluorene(FLU), Phenanthrene(PHE), Anthracene (ANT), Fluoranthene(FLT), Pyrene(PYR).

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13.4 Limit of PAH content according to AfPS GS 2014:01 PAK:

Parameter	Category 1	Category 2		Category 3	
		Materials which are meant to put in the mouth as well as toys prolonged skin contact (>30s)	Prolonged skin contact (>30s) and toys not covered by Category 1, or short time and repeated skin contact		Materials with short time skin contact (<30s) and materials not covered by Category 1, Category 2
--	--	Toys within 2009/48 / EC range	Other products according to ProdSG	Toys within 2009/48 / EC range	Other products according to ProdSG
Benzo[a]pyrene (BaP)	<0.2mg/kg	<0.2mg/kg	<0.5mg/kg	<0.5mg/kg	<1mg/kg
Benzo[e]pyren (BeP)	<0.2mg/kg	<0.2mg/kg	<0.5mg/kg	<0.5mg/kg	<1mg/kg
Benzo[a]anthracene (BaA)	<0.2mg/kg	<0.2mg/kg	<0.5mg/kg	<0.5mg/kg	<1mg/kg
Benzo[b]fluoranthene (BbF)	<0.2mg/kg	<0.2mg/kg	<0.5mg/kg	<0.5mg/kg	<1mg/kg
Benzo[j]fluoranthene (BjF)	<0.2mg/kg	<0.2mg/kg	<0.5mg/kg	<0.5mg/kg	<1mg/kg
Benzo[k]fluoranthene (BkF)	<0.2mg/kg	<0.2mg/kg	<0.5mg/kg	<0.5mg/kg	<1mg/kg
Chrysene (CHR)	<0.2mg/kg	<0.2mg/kg	<0.5mg/kg	<0.5mg/kg	<1mg/kg
Dibenzo[a,h]anthracene (DBA)	<0.2mg/kg	<0.2mg/kg	<0.5mg/kg	<0.5mg/kg	<1mg/kg
Benzo[g,h,i]perylene (BPE)	<0.2mg/kg	<0.2mg/kg	<0.5mg/kg	<0.5mg/kg	<1mg/kg
Indeno[1,2,3-cd]pyrene (IPY)	<0.2mg/kg	<0.2mg/kg	<0.5mg/kg	<0.5mg/kg	<1mg/kg
(Acenaphthylene (ANY), Acenaphthene (ANA), Fluorene (FLU), Phenanthrene (PHE), Anthracene (ANT), Fluoranthene (FLT), Pyrene (PYR))Total	<1mg/kg	<5mg/kg	<10mg/kg	<20mg/kg	<50mg/kg
Naphthalene (NAP)	<1mg/kg	<2mg/kg		<10mg/kg	
Sum of 18 PAH	<1mg/kg	<5mg/kg	<10mg/kg	<20mg/kg	<50mg/kg

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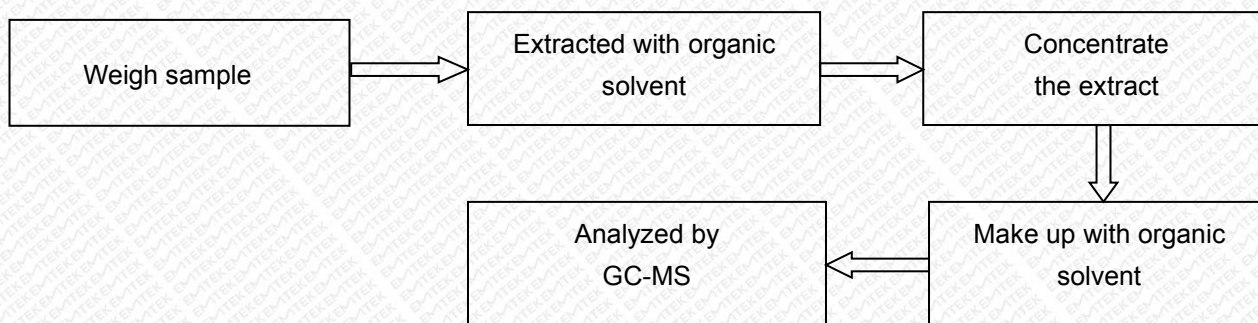
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13.5 Test Flowchart



14. Dimethyl fumarate (DMFu)

14.1 Test Method

Test Item	Test Method
Dimethyl fumarate (DMFu)	US EPA 3550C:2007

14.2 Test Instrument

Instrument Name	Manufacturer	Instrument Model
GC-MS	SHIMADZU	QP2010 Ultra

14.3 Test Result

Test Item	Result(mg/kg)	MDL(mg/kg)
	01	
Dimethyl fumarate (DMFu)	N.D.	5

Note

- 1) N.D. = Not Detected (Less than Detection Limit)
- 2) MDL= Method Detection Limit.

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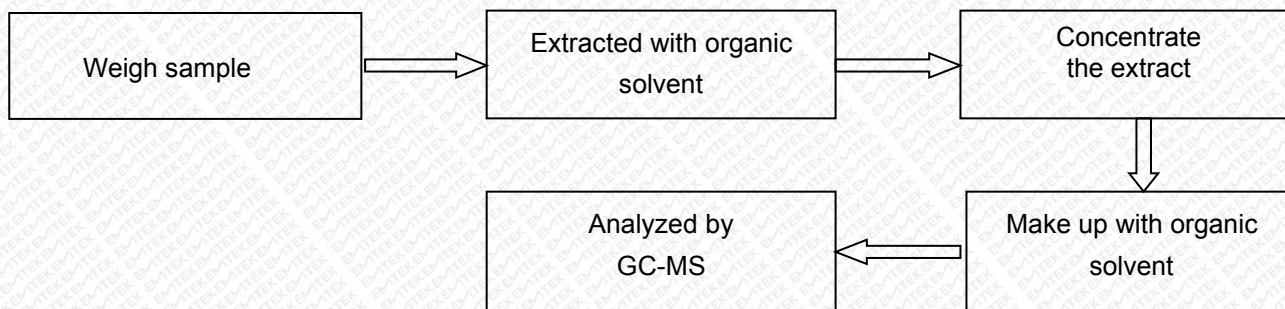
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14.4 Test Flowchart



15. PCBs, PCTs, PCNs

15.1 Test Method

Test Item	Test Method
PCBs, PCTs, PCNs	US EPA 3550C: 2007

15.2 Test Instrument

Instrument Name	Manufacture	Instrument Model
GC-MS	Agilent	7890B-5977A

15.3 Test Result

Test Item	Unit	Result	MDL
		01	
Polychlorinated Biphenyls (PCBs)	mg/kg	N.D.	5
Polychlorinated Terphenyls (PCTs)	mg/kg	N.D.	5
Polychlorinated naphthalenes (PCNs)	mg/kg	N.D.	5

Note

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- 2) MDL= Method Detection Limit.

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16. Se, Ba

16.1 Test Method

Test Item	Test Method
Se, Ba	ISO 8124-3:2014

16.2 Test Instrument

Instrument Name	Manufacturer	Instrument Model
ICP-OES	Agilent	720

16.3 Test Result

Test Item	Unit	MDL	Result
			01
Selenium(Se)	mg/kg	5	N.D.
Barium (Ba)	mg/kg	5	N.D.

Note

- 1) N.D. = Not Detected (Less than Detection Limit)
- 2) MDL= Method Detection Limit.

17. DBBT

17.1 Test Method

Test Item	Test Method
DBBT	US EPA 3540C:1996&US EPA 8270E:2018

17.2 Test Instrument

Instrument Name	Manufacture	Instrument Model
GC-MS	Agilent	7890B-5977A

17.3 Test Result

Test Item	Unit	Result	MDL
		01	
DBBT	mg/kg	N.D.	5

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Note

- 1) N.D. = Not Detected (Less than Detection Limit)
- 2) MDL= Method Detection Limit.

18. TBBP-A

18.1 Test Method

Test Item	Test Method
Tetrabromobisphenol A	US EPA 3540C:1996&US EPA 8270E:2018

18.2 Test Instrument

Instrument Name	Manufacture	Instrument Model
GC-MS	Agilent	7890B-5977A

18.3 Test Result

Test Item	Unit	Result	MDL
		01	
Tetrabromobisphenol A	mg/kg	N.D.	5

Note

- 1) N.D. = Not Detected (Less than Detection Limit)
- 2) MDL= Method Detection Limit.

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Sample Photo



Declaration: Report EM190604034CE001X001 was repealed and replaced by report
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