

Test Report

Client	:	NANJING CBAK ENERGY TECHNOLOGY COMPANY LIMITED
Address	:	Plant 8, phase II, standard plant, No. 86, Shuanggao Road, economic development zone, Gaochun District, Nanjing, Jiangsu Province

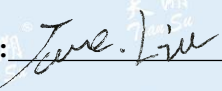
The following sample(s) and sample information was/were submitted and identified by/on the behalf of the client

Sample Name	:	Lithium ion cell
Model/P.O. No.	:	32140FS
Manufacturer	:	NANJING CBAK ENERGY TECHNOLOGY COMPANY LIMITED
Received Date	:	Mar 01, 2023
Test Period	:	Mar 01, 2023~Mar 07, 2023
Test Requested	:	EU Regulation (EC) No 1907/2006 (REACH)

Conclusion

-	to determine the 233 kinds of substances of very high concern (SVHC) in the submitted sample. According to the specified scope and analytical technique, concentration of each 233 SVHC is <0.1% in the submitted sample(s).	PASS
---	---	------

For Further Details, Please Refer To the Following Page(s)

Approved by: 

Date: Mar 09, 2023



Add: Building 1/4, No.2, Jinlong Road, Longgang District, Shenzhen, Guangdong, China.

Post Code: 518116

Tel: 0755-89457984

Website: www.tiansu.org

E-mail: tsjc@tiansu.org

Report No. : TSZ23020642-P01-R01

Page 2 of 35

Test Result(s):

No.	Test Items	CAS No.	Test Methods	Equipment	Results (%)		MDL (%)
					(1)	(2)	
1	Anthracene	120-12-7	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	N.D.	0.01
2	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2		GC-MS	N.D.	N.D.	0.01
3	Short Chain Chlorinated Paraffines(SCCPs)	85535-84-8		GC-MS	N.D.	N.D.	0.01
4	2,4-Dinitrotoluene(2,4-DNT)	121-14-2		GC-MS	N.D.	N.D.	0.01
5	Anthracene oil	90640-80-5		GC-MS	N.D.	N.D.	0.01
6	Anthracene oil, anthracene paste, distn. lights	91995-17-4		GC-MS	N.D.	N.D.	0.01
7	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2		GC-MS	N.D.	N.D.	0.01
8	Anthracene oil, anthracene-low	90640-82-7		GC-MS	N.D.	N.D.	0.01
9	Anthracene oil, anthracene paste	90640-81-6		GC-MS	N.D.	N.D.	0.01
10	Pitch, coal tar, high temp.	65996-93-2		GC-MS	N.D.	N.D.	0.01
11	Tris(2-chloroethyl) phosphate	115-96-8		GC-MS	N.D.	N.D.	0.01
12	2-Methoxyethanol	109-86-4		GC-MS	N.D.	N.D.	0.01
13	2-Ethoxyethanol	110-80-5		GC-MS	N.D.	N.D.	0.01
14	1,2-Benzendicarboxylic acid, di-(C7-11)-branched and linear alkyl esters	68515-42-4		GC-MS	N.D.	N.D.	0.01
15	Hydrazine	7803-57-8 302-01-2		GC-MS	N.D.	N.D.	0.01
16	1-Methyl-2-pyrrolidone(NMP)	872-50-4		GC-MS	N.D.	N.D.	0.01
17	1,2,3-Trichloropropane	96-18-4		GC-MS	N.D.	N.D.	0.01
18	1,2-Benzenedicarboxylic acid, di-(C6-8)-branched and linear alkyl esters, C7-rich	71888-89-6		GC-MS	N.D.	N.D.	0.01
19	Trichloroethylene	79-01-6		GC-MS	N.D.	N.D.	0.01

No.	Test Items	CAS No.	Test Methods	Equipment	Results (%)		MDL (%)
					(1)	(2)	
20	2-ethoxyethyl acetate	111-15-9	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	N.D.	0.01
21	4,4'-Diaminodiphenylmethane (MDA)	101-77-9	ISO 17234-1:2015	GC-MS	N.D.	N.D.	0.01
22	Dibutyl phthalate(DBP)	84-74-2	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	N.D.	0.01
23	Bis(2-ethyl(hexyl) phthalate)(DEHP)	117-81-7		GC-MS	N.D.	N.D.	0.01
24	Diisobutyl phthalate (DIBP)	84-69-5		GC-MS	N.D.	N.D.	0.01
25	Benzyl butyl phthalate (BBP)	85-68-7		GC-MS	N.D.	N.D.	0.01
26	Hexabromocyclododecane(HB CDD)	25637-99-4		GC-MS	N.D.	N.D.	0.01
27	4-(1,1,3,3-tetramethylbutyl)ph enol, (4-tert-Octylphenol)	140-66-9		GC-MS	N.D.	N.D.	0.01
28	1,2-Dichloroethane	107-06-2		GC-MS	N.D.	N.D.	0.01
29	Bis(2-methoxyethyl) ether	111-96-6		GC-MS	N.D.	N.D.	0.01
30	N,N-dimethylacetamide	127-19-5		GC-MS	N.D.	N.D.	0.01
31	Phenolphthalein	77-09-8		GC-MS	N.D.	N.D.	0.01
32	2,2'-dichloro-4,4'-methylenedi aniline (MOCA)	101-14-4		GC-MS	N.D.	N.D.	0.01
33	Formaldehyde, oligomeric reaction products with aniline	25214-70-4		GC-MS	N.D.	N.D.	0.01
34	Bis(2-methoxyethyl) phthalate(DMEP)	117-82-8	ISO 17353:2004	GC-MS	N.D.	N.D.	0.01
35	2-Methoxyaniline; o-Anisidine	90-04-0		GC-MS	N.D.	N.D.	0.01
36	Bis(tributyltin) oxide(TBTO)	56-35-9		GC-MS	N.D.	N.D.	0.01
37	Acrylamide	79-06-1	US EPA 3550C:2007 US EPA 8321B:2007	HPLC	N.D.	N.D.	0.01
38	Lead hydrogen arsenate	7784-40-9	US EPA 3052:1996 US EPA 6010D:2018	ICP-OES	N.D.	N.D.	0.01
39	Triethyl arsenate	15606-95-8		ICP-OES	N.D.	N.D.	0.01

No.	Test Items	CAS No.	Test Methods	Equipment	Results (%)		MDL (%)
					(1)	(2)	
40	Diarsenic pentaoxide	1303-28-2	US EPA 3052:1996 US EPA 6010D:2018	ICP-OES	N.D.	N.D.	0.01
41	Diarsenic trioxide	1327-53-3		ICP-OES	N.D.	N.D.	0.01
42	Cobalt dichloride	7646-79-9	US EPA 3052:1996 EN 14582:2016	ICP-OES IC	N.D.	N.D.	0.01
43	Sodium dichromate	7789-12-0	US EPA 3052:1996 US EPA 3060A:1996	ICP-OES UV-Vis	N.D.	N.D.	0.01
44	Lead chromate	7758-97-6	US EPA 3052:1996 US EPA 3060A:1996 US EPA 6010D:2018	ICP-OES UV-Vis	N.D.	N.D.	0.01
45	Lead chromate molybdate sulfate red	12656-85-8		ICP-OES UV-Vis	N.D.	N.D.	0.01
46	Dichromium tris(chromate)	24613-89-6		ICP-OES UV-Vis	N.D.	N.D.	0.01
47	Potassium hydroxyoctaoxodizincatedichromate	11103-86-9		ICP-OES UV-Vis	N.D.	N.D.	0.01
48	Lead sulfchromate yellow	1344-37-2		ICP-OES	N.D.	N.D.	0.01
49	Aluminosilicate, Refractory Ceramic Fibres	/	US EPA 3052:1996 US EPA 6010D:2018	ICP-OES	N.D.	N.D.	0.01
50	Zirconia Aluminosilicate, Refractory Ceramic Fibres	/		ICP-OES	N.D.	N.D.	0.01
51	Pentazinc chromate octahydroxide	49663-84-5		ICP-OES	N.D.	N.D.	0.01
52	Lead azide, Lead diazide	13424-46-9		ICP-OES	N.D.	N.D.	0.01
53	Lead styphnate	15245-44-0		ICP-OES	N.D.	N.D.	0.01
54	Lead dipicrate	6477-64-1		ICP-OES	N.D.	N.D.	0.01
55	Arsenic acid	7778-39-4		ICP-OES	N.D.	N.D.	0.01
56	Calcium arsenate	7778-44-1		ICP-OES	N.D.	N.D.	0.01
57	Trilead diarsenate	3687-31-8		ICP-OES	N.D.	N.D.	0.01
58	Boric acid	10043-35-3 11113-50-1		ICP-OES	N.D.	N.D.	0.01
59	Disodium tetraborate, anhydrous	1330-43-4 12179-04-3 1303-96-4		ICP-OES	N.D.	N.D.	0.01

Report No. : TSZ23020642-P01-R01

Page 5 of 35

No.	Test Items	CAS No.	Test Methods	Equipment	Results (%)		MDL (%)
					(1)	(2)	
60	Tetraboron disodium heptaoxide, hydrate	12267-73-1	US EPA 3052:1996 US EPA 6010D:2018	ICP-OES	N.D.	N.D.	0.01
61	Sodium chromate	7775-11-3	US EPA 3052:1996 US EPA 3060A:1996	ICP-OES UV-Vis	N.D.	N.D.	0.01
62	Potassium chromate	7789-00-6		ICP-OES UV-Vis	N.D.	N.D.	0.01
63	Potassium dichromate	7778-50-9		ICP-OES UV-Vis	N.D.	N.D.	0.01
64	Chromium trioxide	1333-82-0		ICP-OES	N.D.	N.D.	0.01
65	Ammonium dichromate	7789-9-5	US EPA 3052:1996 US EPA 3060A:1996 EN 14582:2016	ICP-OES UV-Vis IC	N.D.	N.D.	0.01
66	Cobalt(II) diacetate	71-48-7	US EPA 3052:1996 EN 14582:2016	ICP-OES IC	N.D.	N.D.	0.01
67	Cobalt(II) carbonate	513-79-1		ICP-OES IC	N.D.	N.D.	0.01
68	Cobalt(II) Dinitrate	10141-05-6		ICP-OES IC	N.D.	N.D.	0.01
69	Cobalt(II) sulphate	10124-43-3		ICP-OES IC	N.D.	N.D.	0.01
70	Chromic acid, Dichromic acid, Oligomers of chromic acid and Dichromic acid	7738-94-5 13530-68-2	US EPA 3052:1996 US EPA 6010D:2018 US EPA 3060A:1996	ICP-OES UV-Vis	N.D.	N.D.	0.01
71	Strontium chromate	7789-6-2	US EPA 3052:1996 US EPA 6010D:2018	ICP-OES UV-Vis	N.D.	N.D.	0.01
72	Diboron trioxide	1303-86-2		ICP-OES	N.D.	N.D.	0.01
73	Lead(II) bis(methanesulfonate)	17570-76-2		ICP-OES	N.D.	N.D.	0.01
74	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2		GC-MS	N.D.	N.D.	0.01
75	1,2-dimethoxyethane, ethylene glycol dimethyl ether (EGDME)	110-71-4	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	N.D.	0.01
76	Formamide	75-12-7		GC-MS	N.D.	N.D.	0.01
77	1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-trione (TGIC)	2451-62-9		GC-MS	N.D.	N.D.	0.01

No.	Test Items	CAS No.	Test Methods	Equipment	Results (%)		MDL (%)
					(1)	(2)	
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	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	N.D.	0.01
79	4,4'-bis(dimethylamino)benzo phenone(Michler's ketone)	90-94-8		GC-MS	N.D.	N.D.	0.01
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1		GC-MS	N.D.	N.D.	0.01
81	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1		GC-MS	N.D.	N.D.	0.01
82	4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	548-62-9	US EPA 3550C:2007 US EPA 8321B:2007	HPLC	N.D.	N.D.	0.01
83	[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		HPLC	N.D.	N.D.	0.01
84	α,α -Bis[4-(dimethylamino)phenyl]-4 (phenylamino) naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0		HPLC	N.D.	N.D.	0.01
85	4-methyl-m-phenylenediamine (2,4-toluene-diamine)	95-80-7	ISO 17234-1:2015	GC-MS	N.D.	N.D.	0.01
86	Biphenyl-4-ylamine	92-67-1		GC-MS	N.D.	N.D.	0.01
87	4,4'-methylenedi-o-toluidine	838-88-0		GC-MS	N.D.	N.D.	0.01
88	o-Toluidine	95-53-4		GC-MS	N.D.	N.D.	0.01
89	o-aminoazotoluene	97-56-3		GC-MS	N.D.	N.D.	0.01
90	4-Aminoazobenzene	60-09-3		GC-MS	N.D.	N.D.	0.01
91	4,4'-oxydianiline and its salts	101-80-4		GC-MS	N.D.	N.D.	0.01
92	6-methoxy-m-toluidine (p-cresidine)	120-71-8		GC-MS	N.D.	N.D.	0.01

No.	Test Items	CAS No.	Test Methods	Equipment	Results (%)		MDL (%)
					(1)	(2)	
93	Dibutyltin dichloride (DBTC)	683-18-1	ISO 17353:2004	GC-MS	N.D.	N.D.	0.01
94	Diazeno-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	N.D.	0.01
95	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2		GC-MS	N.D.	N.D.	0.01
96	N-methylacetamide	79-16-3		GC-MS	N.D.	N.D.	0.01
97	Dinoseb	88-85-7		GC-MS	N.D.	N.D.	0.01
98	Dimethyl sulphate	77-78-1		GC-MS	N.D.	N.D.	0.01
99	Furan	110-00-9		GC-MS	N.D.	N.D.	0.01
100	Pyrochlore, antimony lead yellow	8012-00-8		GC-MS	N.D.	N.D.	0.01
101	Diethyl sulphate	64-67-5		GC-MS	N.D.	N.D.	0.01
102	1,2-epoxypropane	75-56-9		GC-MS	N.D.	N.D.	0.01
103	1-bromopropane	106-94-5		GC-MS	N.D.	N.D.	0.01
104	Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)	1163-19-5		GC-MS	N.D.	N.D.	0.01
105	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	—		GC-MS	N.D.	N.D.	0.01
106	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated -covering well-defined substances and UVCB substances, polymers and homologues	—		GC-MS	N.D.	N.D.	0.01

No.	Test Items	CAS No.	Test Methods	Equipment	Results (%)		MDL (%)
					(1)	(2)	
107	1,2-Diethoxyethane	629-14-1	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	N.D.	0.01
108	Cyclohexane-1,2-dicarboxylic anhydride(Hexahydrophthalic anhydride - HHPA)	85-42-7		GC-MS	N.D.	N.D.	0.01
109	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		GC-MS	N.D.	N.D.	0.01
110	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0		GC-MS	N.D.	N.D.	0.01
111	N-pentyl-isopentylphthalate	776297-69-9		GC-MS	N.D.	N.D.	0.01
112	Methoxyacetic acid	625-45-6		GC-MS	N.D.	N.D.	0.01
113	Diisopentylphthalate	605-50-5		GC-MS	N.D.	N.D.	0.01
114	N,N-dimethylformamide	68-12-2		GC-MS	N.D.	N.D.	0.01
115	Heptacosafuorotetradecanoic acid	376-06-7	US EPA 3550C:2007 US EPA 8321B:2007	HPLC	N.D.	N.D.	0.01
116	Pentacosafuorotridecanoic acid	72629-94-8		HPLC	N.D.	N.D.	0.01
117	Henicosafuoroundecanoic acid	2058-94-8		HPLC	N.D.	N.D.	0.01
118	Tricosafuorododecanoic acid	307-55-1		HPLC	N.D.	N.D.	0.01
119	Pentalead tetraoxide sulphate	12065-90-6	US EPA 3052:1996 US EPA 6010D:2018	ICP-OES	N.D.	N.D.	0.01
120	Lead dinitrate	10099-74-8		ICP-OES	N.D.	N.D.	0.01
121	Tetralead trioxide sulphate	12202-17-4		ICP-OES	N.D.	N.D.	0.01
122	Lead oxide (lead monoxide)	1317-36-8		ICP-OES	N.D.	N.D.	0.01
123	Lead titanium trioxide	12060-00-3		ICP-OES	N.D.	N.D.	0.01
124	Dioxobis(stearato)trilead	12578-12-0		ICP-OES	N.D.	N.D.	0.01

No.	Test Items	CAS No.	Test Methods	Equipment	Results (%)		MDL (%)
					(1)	(2)	
125	Acetic acid, lead salt, basic	51404-69-4	US EPA 3052:1996 US EPA 6010D:2018	ICP-OES	N.D.	N.D.	0.01
126	Tetraethyllead	78-00-2		ICP-OES	N.D.	N.D.	0.01
127	[Phthalato(2-)] dioxotrilead	69011-06-9		ICP-OES	N.D.	N.D.	0.01
128	Lead cyanamidate	20837-86-9		ICP-OES	N.D.	N.D.	0.01
129	Silicic acid, barium salt, lead-doped	68784-75-8		ICP-OES	N.D.	N.D.	0.01
130	Trilead dioxide phosphonate	12141-20-7		ICP-OES	N.D.	N.D.	0.01
131	Lead Titanium Zirconium Oxide	12626-81-2		ICP-OES	N.D.	N.D.	0.01
132	Basic lead carbonate (trilead bis(carbonate) dihydroxide)	1319-46-6		ICP-OES	N.D.	N.D.	0.01
133	Fatty acids, C16-18, lead salts	91031-62-8		ICP-OES	N.D.	N.D.	0.01
134	Lead tetroxide (orange lead)	1314-41-6		ICP-OES	N.D.	N.D.	0.01
135	Sulfurous acid, lead salt, dibasic	62229-08-7		ICP-OES	N.D.	N.D.	0.01
136	Lead oxide sulphate	12036-76-9		ICP-OES	N.D.	N.D.	0.01
137	Lead bis (tetrafluoroborate)	13814-96-5		ICP-OES	N.D.	N.D.	0.01
138	Silicic acid, lead salt	11120-22-2		ICP-OES	N.D.	N.D.	0.01
139	Cadmium	7440-43-9	US EPA 3550C:2007 US EPA 8270E:2018	ICP-OES	N.D.	N.D.	0.01
140	Cadmium oxide	1306-19-0		ICP-OES	N.D.	N.D.	0.01
141	Dipentyl phthalate (DPP)	131-18-0		GC-MS	N.D.	N.D.	0.01
142	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	US EPA 3550C:2007 US EPA 8321B:2007	HPLC	N.D.	N.D.	0.01
143	Pentadecafluorooctanoic acid (PFOA)	335-67-1		HPLC	N.D.	N.D.	0.01

Report No. : TSZ23020642-P01-R01

Page 10 of 35

No.	Test Items	CAS No.	Test Methods	Equipment	Results (%)		MDL (%)
					(1)	(2)	
144	4-Nonylphenol branched and linear, ethoxylated	—	US EPA 3550C:2007 US EPA 8321B:2007	HPLC	N.D.	N.D.	0.01
145	Cadmium sulphide	1306-23-6	US EPA 3052:1996	ICP-OES	N.D.	N.D.	0.01
146	Lead di (acetate)	301-04-2	US EPA 6010D:2018	ICP-OES	N.D.	N.D.	0.01
147	Disodium3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)] bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0		HPLC	N.D.	N.D.	0.01
148	Disodium4-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	US EPA 3550C:2007 US EPA 8321B:2007	HPLC	N.D.	N.D.	0.01
149	Imidazolidine-2-thione(2-imidazoline-2-thiol)	96-45-7		GC-MS	N.D.	N.D.	0.01
150	Trixylyl phosphate	25155-23-1		GC-MS	N.D.	N.D.	0.01
151	Dihexyl phthalate	84-75-3	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	N.D.	0.01
152	1,2-Benzenedicarboxylic acid, dihexylester, branched and linear	68515-50-4		GC-MS	N.D.	N.D.	0.01
153	Cadmium chloride	10108-64-2		ICP-OES	N.D.	N.D.	0.01
154	Sodium peroxometaborate	7632-4-4	US EPA 3052:1996 US EPA 6010D:2018	ICP-OES	N.D.	N.D.	0.01
155	Sodium perborate; perboric acid, sodium salt	—		ICP-OES	N.D.	N.D.	0.01
156	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	US EPA 3550C:2007 US EPA 8321B:2007	HPLC	N.D.	N.D.	0.01
157	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7		HPLC	N.D.	N.D.	0.01

No.	Test Items	CAS No.	Test Methods	Equipment	Results (%)		MDL (%)
					(1)	(2)	
158	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetra decanoate (DOTE)	15571-58-1	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	N.D.	0.01
159	Cadmium fluoride	7790-79-6	US EPA 3052:1996 US EPA 6010D:2018	ICP-OES	N.D.	N.D.	0.01
160	Cadmium sulphate	10124-36-4; 31119-53-6		ICP-OES	N.D.	N.D.	0.01
161	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetra decanoate 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)	—	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	N.D.	0.01
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		GC-MS	N.D.	N.D.	0.01
163	5-sec-butyl-2-(2,4-dimethyl cyclohex-3-en-1-yl)-5-methyl-1,3- dioxane [1], 5-sec-butyl-2-(4,6-dimethyl cyclohex-3-en-1-yl)-5-methyl-1,3- dioxane [2] [covering any of the individual isomers of [1] and [2] or any combination thereof]	—		GC-MS	N.D.	N.D.	0.01
164	1,3-propanesultone	1120-71-4		GC-MS	N.D.	N.D.	0.01

Report No. : TSZ23020642-P01-R01

Page 12 of 35

No.	Test Items	CAS No.	Test Methods	Equipment	Results (%)		MDL (%)
					(1)	(2)	
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl) phenol (UV-327)	3864-99-1	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	N.D.	0.01
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl) phenol (UV-350)	36437-37-3		GC-MS	N.D.	N.D.	0.01
167	Nitrobenzene	98-95-3		GC-MS	N.D.	N.D.	0.01
168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4		GC-MS	N.D.	N.D.	0.01
169	Benzo[def]chrysene	50-32-8		GC-MS	N.D.	N.D.	0.01
170	4,4'-isopropylidenediphenol (Bisphenol A)	80-05-7	US EPA 3550C:2007 US EPA 8321B:2007	HPLC	N.D.	N.D.	0.01
171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	335-76-2		HPLC	N.D.	N.D.	0.01
172	4-heptyl-phenol, branched and linear (4-HPbl)	—		HPLC	N.D.	N.D.	0.01
173	P-(1,1-dimethylpropyl) phenol (PTAP)	80-46-6		HPLC	N.D.	N.D.	0.01
174	Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	—		HPLC	N.D.	N.D.	0.01
175	Dechlorane plus (covering any of its individual anti- and syn-isomers or any combination thereof)	—	US EPA 3550C:2007 US EPA 8270E:2018	HPLC	N.D.	N.D.	0.01
176	Benz[a]anthracene	56-55-3 1718-53-2		GC-MS	N.D.	N.D.	0.01
177	Cadmium nitrate	10325-94-7		ICP-OES	N.D.	N.D.	0.01
178	Cadmium carbonate	513-78-0		ICP-OES	N.D.	N.D.	0.01

Report No. : TSZ23020642-P01-R01

Page 13 of 35

No.	Test Items	CAS No.	Test Methods	Equipment	Results (%)		MDL (%)
					(1)	(2)	
179	Cadmium hydroxide	21041-95-2	US EPA 3052:1996 US EPA 6010D:2018	ICP-OES	N.D.	N.D.	0.01
180	Chrysene	218-01-9 1719-03-5	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	N.D.	0.01
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]	—	US EPA 3550C:2007 US EPA 8321B:2007	HPLC	N.D.	N.D.	0.01
182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) (TMA)	552-30-7		HPLC	N.D.	N.D.	0.01
183	Benzo[ghi]perylene	191-24-2			N.D.	N.D.	0.01
184	Decamethylcyclopentasiloxane (D5)	541-02-6	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	N.D.	0.01
185	Dicyclohexyl phthalate (DCHP)	84-61-7			N.D.	N.D.	0.01
186	Disodium octaborate	12008-41-2	US EPA 3052:1996 US EPA 6010D:2018	ICP-OES	N.D.	N.D.	0.01
187	Dodecamethylcyclohexasiloxane (D6)	540-97-6	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	N.D.	0.01
188	Ethylenediamine (EDA)	107-15-3			N.D.	N.D.	0.01
189	Lead	7439-92-1	US EPA 3052:1996 US EPA 6010D:2018	ICP-OES	N.D.	N.D.	0.01
190	Octamethylcyclotetrasiloxane (D4)	556-67-2		GC-MS	N.D.	N.D.	0.01
191	Hydrogenated, Terphenyls	61788-32-7			N.D.	N.D.	0.01
192	Pyrene	129-00-0	US EPA 3550C:2007 US EPA 8270E:2018		N.D.	N.D.	0.01
193	Phenanthrene	85-01-8			N.D.	N.D.	0.01
194	Fluoranthene	206-44-0		GC-MS	N.D.	N.D.	0.01
195	Benzo[k]fluoranthene	207-08-9			N.D.	N.D.	0.01

Report No. : TSZ23020642-P01-R01

Page 14 of 35

No.	Test Items	CAS No.	Test Methods	Equipment	Results (%)		MDL (%)
					(1)	(2)	
196	2,2-bis(4'-hydroxyphenyl)-4-methylpentane (Bisphenol P)	6807-17-6	US EPA 3550C:2007 US EPA 8321B:2007	HPLC	N.D.	N.D.	0.01
197	1,7,7-trimethyl-3-(phenylmethyle) bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor; 3-BC)	15087-24-8	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	N.D.	0.01
198	Tris (4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP)	—		GC-MS	N.D.	N.D.	0.01
199	4-tere-butylphenol	98-54-4		GC-MS	N.D.	N.D.	0.01
200	2-methoxyethyl acetate	110-49-6		GC-MS	N.D.	N.D.	0.01
201	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (HFPO-DA)	—		GC-MS	N.D.	N.D.	0.01
202	Perfluorobutane sulfonic acid (PFBS) and its salts	—		GC-MS	N.D.	N.D.	0.01
203	Diisohexyl phthalate	71850-09-4		GC-MS	N.D.	N.D.	0.01
204	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5		GC-MS	N.D.	N.D.	0.01
205	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1		GC-MS	N.D.	N.D.	0.01
206	1-vinylimidazole	1072-63-5		GC-MS	N.D.	N.D.	0.01
207	2-methylimidazole	693-98-1		GC-MS	N.D.	N.D.	0.01
208	Butyl 4-hydroxybenzoate	94-26-8		GC-MS	N.D.	N.D.	0.01
209	Dibutylbis(pentane-2,4-dionat o-O,O')tin	22673-19-4		GC-MS	N.D.	N.D.	0.01

Report No. : TSZ23020642-P01-R01

Page 15 of 35

No.	Test Items	CAS No.	Test Methods	Equipment	Results (%)		MDL (%)
					(1)	(2)	
210	Bis(2-(2-methoxyethoxy)ethyl) ether	143-24-8	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	N.D.	0.01
211	Diocetyl tin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety	—	ISO 17353:2004 US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	N.D.	0.01
212	1,4-dioxane	123-91-1	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	N.D.	0.01
213	2,2-bis(bromomethyl)propane-1,3-diol (BMP); 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA); 2,3-dibromo-1-propanol (2,3-DBPA)	3296-90-0, 36483-57-5/1 522-92-5, 96-13-9		GC-MS	N.D.	N.D.	0.01
214	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	—		GC-MS	N.D.	N.D.	0.01
215	4,4'-(1-methylpropylidene)bisphe-nol	77-40-7		GC-MS	N.D.	N.D.	0.01
216	Glutaral	111-30-8		GC-MS	N.D.	N.D.	0.01
217	Medium-chain chlorinated paraffins (MCCP) UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17	—	US EPA 3052:1996 US EPA 6010D:2018	GC-MS	N.D.	N.D.	0.01
218	Orthoboric acid, sodium salt	13840-56-7		ICP-OES	N.D.	N.D.	0.01

No.	Test Items	CAS No.	Test Methods	Equipment	Results (%)		MDL (%)
					(1)	(2)	
219	Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)	—	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	N.D.	0.01
220	(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC)	—		GC-MS	N.D.	N.D.	0.01
221	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol (DBMC)	119-47-1		GC-MS	N.D.	N.D.	0.01
222	S-(tricyclo[5.2.1.0 ^{2,6}]deca-3-en-8(or 9)-yl) O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	255881-94-8		GC-MS	N.D.	N.D.	0.01
223	Tris(2-methoxyethoxy)vinylsilane	1067-53-4		GC-MS	N.D.	N.D.	0.01
224	N-(hydroxymethyl)acrylamide	924-42-5		GC-MS	N.D.	N.D.	0.01
225	1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene] (BTBPE)	37853-59-1		GC-MS	N.D.	N.D.	0.01
226	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol (TBBP-A)	79-94-7		GC-MS	N.D.	N.D.	0.01
227	4,4'-sulphonyldiphenol (BPS)	80-09-1		GC-MS	N.D.	N.D.	0.01

No.	Test Items	CAS No.	Test Methods	Equipment	Results (%)		MDL (%)
					(1)	(2)	
228	Barium diboron tetraoxide	13701-59-2	US EPA 3052:1996 US EPA 6010D:2018	ICP-OES	N.D.	N.D.	0.01
229	Bis(2-ethylhexyl) Tetrabromophthalate covering any of the individual isomers and/or combinations thereof (TBPH)	—	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	N.D.	0.01
230	Isobutyl 4-hydroxybenzoate	4247-02-3		GC-MS	N.D.	N.D.	0.01
231	Melamine	108-78-1		GC-MS	N.D.	N.D.	0.01
232	Reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1, 1,1,2,3,3,3-heptafluoropropan- 2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(h eptafluoropropyl)morpholine	—		GC-MS	N.D.	N.D.	0.01
233	Perfluoroheptanoic acid (PFHpA) and its salts	—	US EPA 3550C:2007 US EPA 8321B:2007	HPLC	N.D.	N.D.	0.01

Report No. : TSZ23020642-P01-R01

Page 18 of 35

No.	Test Items	CAS No.	Test Methods	Equipment	Results (%)	MDL (%)
					Total	
1	Anthracene	120-12-7	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	0.01
2	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2		GC-MS	N.D.	0.01
3	Short Chain Chlorinated Paraffines(SCCPs)	85535-84-8		GC-MS	N.D.	0.01
4	2,4-Dinitrotoluene(2,4-DNT)	121-14-2		GC-MS	N.D.	0.01
5	Anthracene oil	90640-80-5		GC-MS	N.D.	0.01
6	Anthracene oil, anthracene paste, distn. lights	91995-17-4		GC-MS	N.D.	0.01
7	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2		GC-MS	N.D.	0.01
8	Anthracene oil, anthracene-low	90640-82-7		GC-MS	N.D.	0.01
9	Anthracene oil, anthracene paste	90640-81-6		GC-MS	N.D.	0.01
10	Pitch, coal tar, high temp.	65996-93-2		GC-MS	N.D.	0.01
11	Tris(2-chloroethyl) phosphate	115-96-8		GC-MS	N.D.	0.01
12	2-Methoxyethanol	109-86-4		GC-MS	N.D.	0.01
13	2-Ethoxyethanol	110-80-5		GC-MS	N.D.	0.01
14	1,2-Benzendicarboxylic acid, di-(C7-11)-branched and linear alkyl esters	68515-42-4	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	0.01
15	Hydrazine	7803-57-8 302-01-2		GC-MS	N.D.	0.01
16	1-Methyl-2-pyrrolidone(NMP)	872-50-4		GC-MS	N.D.	0.01
17	1,2,3-Trichloropropane	96-18-4		GC-MS	N.D.	0.01
18	1,2-Benzenedicarboxylic acid, di-(C6-8)-branched and linear alkyl esters, C7-rich	71888-89-6		GC-MS	N.D.	0.01

Report No. : TSZ23020642-P01-R01

Page 19 of 35

No.	Test Items	CAS No.	Test Methods	Equipment	Results (%)	MDL (%)
					Total	
19	Trichloroethylene	79-01-6	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	0.01
20	2-ethoxyethyl acetate	111-15-9		GC-MS	N.D.	0.01
21	4,4'-Diaminodiphenylmethane (MDA)	101-77-9	ISO 17234-1:2015	GC-MS	N.D.	0.01
22	Dibutyl phthalate(DBP)	84-74-2	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	0.01
23	Bis(2-ethyl(hexyl) phthalate)(DEHP)	117-81-7		GC-MS	N.D.	0.01
24	Diisobutyl phthalate (DIBP)	84-69-5		GC-MS	N.D.	0.01
25	Benzyl butyl phthalate (BBP)	85-68-7		GC-MS	N.D.	0.01
26	Hexabromocyclododecane(HB CDD)	25637-99-4		GC-MS	N.D.	0.01
27	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9		GC-MS	N.D.	0.01
28	1,2-Dichloroethane	107-06-2		GC-MS	N.D.	0.01
29	Bis(2-methoxyethyl) ether	111-96-6	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	0.01
30	N,N-dimethylacetamide	127-19-5		GC-MS	N.D.	0.01
31	Phenolphthalein	77-09-8		GC-MS	N.D.	0.01
32	2,2'-dichloro-4,4'-methylenedi aniline (MOCA)	101-14-4		GC-MS	N.D.	0.01
33	Formaldehyde, oligomeric reaction products with aniline	25214-70-4	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	0.01
34	Bis(2-methoxyethyl) phthalate(DMEP)	117-82-8		GC-MS	N.D.	0.01
35	2-Methoxyaniline; o-Anisidine	90-04-0	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	0.01
36	Bis(tributyltin) oxide(TBTO)	56-35-9	ISO 17353:2004	GC-MS	N.D.	0.01
37	Acrylamide	79-06-1	US EPA 3550C:2007 US EPA 8321B:2007	HPLC	N.D.	0.01
38	Lead hydrogen arsenate	7784-40-9	US EPA 3052:1996 US EPA 6010D:2018	ICP-OES	N.D.	0.01

Report No. : TSZ23020642-P01-R01

Page 20 of 35

No.	Test Items	CAS No.	Test Methods	Equipment	Results (%)	MDL (%)
					Total	
39	Triethyl arsenate	15606-95-8	US EPA 3052:1996 EN 14582:2016	ICP-OES	N.D.	0.01
40	Diarsenic pentaoxide	1303-28-2		ICP-OES	N.D.	0.01
41	Diarsenic trioxide	1327-53-3		ICP-OES	N.D.	0.01
42	Cobalt dichloride	7646-79-9		ICP-OES IC	N.D.	0.01
43	Sodium dichromate	7789-12-0	US EPA 3052:1996 US EPA 3060A:1996	ICP-OES UV-Vis	N.D.	0.01
44	Lead chromate	7758-97-6	US EPA 3052:1996 US EPA 3060A:1996 US EPA 6010D:2018	ICP-OES UV-Vis	N.D.	0.01
45	Lead chromate molybdate sulfate red	12656-85-8		ICP-OES UV-Vis	N.D.	0.01
46	Dichromium tris(chromate)	24613-89-6		ICP-OES UV-Vis	N.D.	0.01
47	Potassium hydroxyoctaoxodizincatedichromate	11103-86-9		ICP-OES UV-Vis	N.D.	0.01
48	Lead sulfchromate yellow	1344-37-2	US EPA 3052:1996 US EPA 6010D:2018	ICP-OES	N.D.	0.01
49	Aluminosilicate, Refractory Ceramic Fibres	/		ICP-OES	N.D.	0.01
50	Zirconia Aluminosilicate, Refractory Ceramic Fibres	/		ICP-OES	N.D.	0.01
51	Pentazinc chromate octahydroxide	49663-84-5		ICP-OES	N.D.	0.01
52	Lead azide, Lead diazide	13424-46-9	US EPA 3052:1996 US EPA 6010D:2018	ICP-OES	N.D.	0.01
53	Lead styphnate	15245-44-0		ICP-OES	N.D.	0.01
54	Lead dipicrate	6477-64-1		ICP-OES	N.D.	0.01
55	Arsenic acid	7778-39-4	US EPA 3052:1996 US EPA 6010D:2018	ICP-OES	N.D.	0.01
56	Calcium arsenate	7778-44-1		ICP-OES	N.D.	0.01
57	Trilead diarsenate	3687-31-8		ICP-OES	N.D.	0.01
58	Boric acid	10043-35-3 11113-50-1		ICP-OES	N.D.	0.01

Report No. : TSZ23020642-P01-R01

Page 21 of 35

No.	Test Items	CAS No.	Test Methods	Equipment	Results (%)	MDL (%)
					Total	
59	Disodium tetraborate, anhydrous	1330-43-4 12179-04-3 1303-96-4	US EPA 3052:1996 US EPA 6010D:2018	ICP-OES	N.D.	0.01
60	Tetraboron disodium heptaoxide, hydrate	12267-73-1		ICP-OES	N.D.	0.01
61	Sodium chromate	7775-11-3	US EPA 3052:1996 US EPA 3060A:1996	ICP-OES UV-Vis	N.D.	0.01
62	Potassium chromate	7789-00-6		ICP-OES UV-Vis	N.D.	0.01
63	Potassium dichromate	7778-50-9		ICP-OES UV-Vis	N.D.	0.01
64	Chromium trioxide	1333-82-0		ICP-OES	N.D.	0.01
65	Ammonium dichromate	7789-9-5	US EPA 3052:1996 US EPA 3060A:1996 EN 14582:2016	ICP-OES UV-Vis IC	N.D.	0.01
66	Cobalt(II) diacetate	71-48-7	US EPA 3052:1996 EN 14582:2016	ICP-OES IC	N.D.	0.01
67	Cobalt(II) carbonate	513-79-1		ICP-OES IC	N.D.	0.01
68	Cobalt(II) Dinitrate	10141-05-6		ICP-OES IC	N.D.	0.01
69	Cobalt(II) sulphate	10124-43-3		ICP-OES IC	N.D.	0.01
70	Chromic acid, Dichromic acid, Oligomers of chromic acid and Dichromic acid	7738-94-5 13530-68-2	US EPA 3052:1996 US EPA 6010D:2018 US EPA 3060A:1996	ICP-OES UV-Vis	N.D.	0.01
71	Strontium chromate	7789-6-2		ICP-OES UV-Vis	N.D.	0.01
72	Diboron trioxide	1303-86-2	US EPA 3052:1996 US EPA 6010D:2018	ICP-OES	N.D.	0.01
73	Lead(II) bis(methanesulfonate)	17570-76-2		ICP-OES	N.D.	0.01
74	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	0.01
75	1,2-dimethoxyethane, ethylene glycol dimethyl ether (EGDME)	110-71-4		GC-MS	N.D.	0.01

Report No. : TSZ23020642-P01-R01

Page 22 of 35

No.	Test Items	CAS No.	Test Methods	Equipment	Results (%)	MDL (%)
					Total	
76	Formamide	75-12-7	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	0.01
77	1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-trione (TGIC)	2451-62-9		GC-MS	N.D.	0.01
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		GC-MS	N.D.	0.01
79	4,4'-bis(dimethylamino)benzophenone(Michler's ketone)	90-94-8		GC-MS	N.D.	0.01
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1		GC-MS	N.D.	0.01
81	4,4'-bis(dimethylamino)-4''-(methylethylamino)trityl alcohol	561-41-1		GC-MS	N.D.	0.01
82	4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	548-62-9	US EPA 3550C:2007 US EPA 8321B:2007	HPLC	N.D.	0.01
83	[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		HPLC	N.D.	0.01
84	α,α -Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0	US EPA 3550C:2007 US EPA 8321B:2007	HPLC	N.D.	0.01
85	4-methyl-m-phenylenediamine (2,4-toluene-diamine)	95-80-7	ISO 17234-1:2015	GC-MS	N.D.	0.01
86	Biphenyl-4-ylamine	92-67-1		GC-MS	N.D.	0.01
87	4,4'-methylenedi-o-toluidine	838-88-0		GC-MS	N.D.	0.01
88	o-Toluidine	95-53-4		GC-MS	N.D.	0.01
89	o-aminoazotoluene	97-56-3		GC-MS	N.D.	0.01
90	4-Aminoazobenzene	60-09-3		GC-MS	N.D.	0.01

No.	Test Items	CAS No.	Test Methods	Equipment	Results (%)	MDL (%)
					Total	
91	4,4'-oxydianiline and its salts	101-80-4	ISO 17234-1:2015	GC-MS	N.D.	0.01
92	6-methoxy-m-toluidine (p-cresidine)	120-71-8		GC-MS	N.D.	0.01
93	Dibutyltin dichloride (DBTC)	683-18-1	ISO 17353:2004	GC-MS	N.D.	0.01
94	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	0.01
95	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2		GC-MS	N.D.	0.01
96	N-methylacetamide	79-16-3		GC-MS	N.D.	0.01
97	Dinoseb	88-85-7		GC-MS	N.D.	0.01
98	Dimethyl sulphate	77-78-1		GC-MS	N.D.	0.01
99	Furan	110-00-9		GC-MS	N.D.	0.01
100	Pyrochlore, antimony lead yellow	8012-00-8		GC-MS	N.D.	0.01
101	Diethyl sulphate	64-67-5		GC-MS	N.D.	0.01
102	1,2-epoxypropane	75-56-9		GC-MS	N.D.	0.01
103	1-bromopropane	106-94-5		GC-MS	N.D.	0.01
104	Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)	1163-19-5	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	0.01
105	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	—	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	0.01

Report No. : TSZ23020642-P01-R01

Page 24 of 35

No.	Test Items	CAS No.	Test Methods	Equipment	Results (%)	MDL (%)
					Total	
106	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated -covering well-defined substances and UVCB substances, polymers and homologues	—	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	0.01
107	1,2-Diethoxyethane	629-14-1		GC-MS	N.D.	0.01
108	Cyclohexane-1,2-dicarboxylic anhydride(Hexahydrophthalic anhydride - HHPA)	85-42-7		GC-MS	N.D.	0.01
109	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		GC-MS	N.D.	0.01
110	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0		GC-MS	N.D.	0.01
111	N-pentyl-isopentylphthalate	776297-69-9		GC-MS	N.D.	0.01
112	Methoxyacetic acid	625-45-6		GC-MS	N.D.	0.01
113	Diisopentylphthalate	605-50-5		GC-MS	N.D.	0.01
114	N,N-dimethylformamide	68-12-2		GC-MS	N.D.	0.01
115	Heptacosafuorotetradecanoic acid	376-06-7	US EPA 3550C:2007 US EPA 8321B:2007	HPLC	N.D.	0.01
116	Pentacosafuorotridecanoic acid	72629-94-8		HPLC	N.D.	0.01
117	Henicosafuoroundecanoic acid	2058-94-8	US EPA 3550C:2007 US EPA 8321B:2007	HPLC	N.D.	0.01
118	Tricosafuorododecanoic acid	307-55-1		HPLC	N.D.	0.01
119	Pentalead tetraoxide sulphate	12065-90-6	US EPA 3052:1996 US EPA 6010D:2018	ICP-OES	N.D.	0.01
120	Lead dinitrate	10099-74-8		ICP-OES	N.D.	0.01
121	Tetralead trioxide sulphate	12202-17-4		ICP-OES	N.D.	0.01
122	Lead oxide (lead monoxide)	1317-36-8		ICP-OES	N.D.	0.01

No.	Test Items	CAS No.	Test Methods	Equipment	Results (%)	MDL (%)
					Total	
123	Lead titanium trioxide	12060-00-3	US EPA 3052:1996 US EPA 6010D:2018	ICP-OES	N.D.	0.01
124	Dioxobis(stearato)trilead	12578-12-0		ICP-OES	N.D.	0.01
125	Acetic acid, lead salt, basic	51404-69-4		ICP-OES	N.D.	0.01
126	Tetraethyllead	78-00-2		ICP-OES	N.D.	0.01
127	[Phthalato(2-)] dioxotrilead	69011-06-9		ICP-OES	N.D.	0.01
128	Lead cyanamidate	20837-86-9		ICP-OES	N.D.	0.01
129	Silicic acid, barium salt, lead-doped	68784-75-8		ICP-OES	N.D.	0.01
130	Trilead dioxide phosphonate	12141-20-7		ICP-OES	N.D.	0.01
131	Lead Titanium Zirconium Oxide	12626-81-2		ICP-OES	N.D.	0.01
132	Basic lead carbonate (trilead bis(carbonate) dihydroxide)	1319-46-6		ICP-OES	N.D.	0.01
133	Fatty acids, C16-18, lead salts	91031-62-8		ICP-OES	N.D.	0.01
134	Lead tetroxide (orange lead)	1314-41-6		ICP-OES	N.D.	0.01
135	Sulfurous acid, lead salt, dibasic	62229-08-7		ICP-OES	N.D.	0.01
136	Lead oxide sulphate	12036-76-9		ICP-OES	N.D.	0.01
137	Lead bis (tetrafluoroborate)	13814-96-5		ICP-OES	N.D.	0.01
138	Silicic acid, lead salt	11120-22-2		ICP-OES	N.D.	0.01
139	Cadmium	7440-43-9	US EPA 3550C:2007 US EPA 8270E:2018	ICP-OES	N.D.	0.01
140	Cadmium oxide	1306-19-0		ICP-OES	N.D.	0.01
141	Dipentyl phthalate (DPP)	131-18-0		GC-MS	N.D.	0.01
142	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1		HPLC	N.D.	0.01

Report No. : TSZ23020642-P01-R01

Page 26 of 35

No.	Test Items	CAS No.	Test Methods	Equipment	Results (%)	MDL (%)
					Total	
143	Pentadecafluorooctanoic acid (PFOA)	335-67-1	US EPA 3550C:2007	HPLC	N.D.	0.01
144	4-Nonylphenol branched and linear, ethoxylated	—	US EPA 8321B:2007	HPLC	N.D.	0.01
145	Cadmium sulphide	1306-23-6	US EPA 3052:1996	ICP-OES	N.D.	0.01
146	Lead di (acetate)	301-04-2	US EPA 6010D:2018	ICP-OES	N.D.	0.01
147	Disodium3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)] bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	US EPA 3550C:2007 US EPA 8321B:2007	HPLC	N.D.	0.01
148	Disodium4-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		HPLC	N.D.	0.01
149	Imidazolidine-2-thione(2-imidazoline-2-thiol)	96-45-7	US EPA 3550C:2007	GC-MS	N.D.	0.01
150	Trixylyl phosphate	25155-23-1	US EPA 8270E:2018	GC-MS	N.D.	0.01
151	Dihexyl phthalate	84-75-3	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	0.01
152	1,2-Benzenedicarboxylic acid, dihexylester, branched and linear	68515-50-4		GC-MS	N.D.	0.01
153	Cadmium chloride	10108-64-2	US EPA 3052:1996	ICP-OES	N.D.	0.01
154	Sodium peroxometaborate	7632-4-4	US EPA 6010D:2018	ICP-OES	N.D.	0.01

No.	Test Items	CAS No.	Test Methods	Equipment	Results (%)	MDL (%)
					Total	
155	Sodium perborate; perboric acid, sodium salt	—	US EPA 3052:1996 US EPA 6010D:2018	ICP-OES	N.D.	0.01
156	2-(2H-benzotriazol-2-yl)-4,6-d itertpentylphenol (UV-328)	25973-55-1	US EPA 3550C:2007 US EPA 8321B:2007	HPLC	N.D.	0.01
157	2-benzotriazol-2-yl-4,6-di-tert- butylphenol (UV-320)	3846-71-7		HPLC	N.D.	0.01
158	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8- oxa-3,5-dithia-4-stannatetra decanoate (DOTE)	15571-58-1	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	0.01
159	Cadmium fluoride	7790-79-6	US EPA 3052:1996 US EPA 6010D:2018	ICP-OES	N.D.	0.01
160	Cadmium sulphate	10124-36-4; 31119-53-6		ICP-OES	N.D.	0.01
161	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8- oxa-3,5-dithia-4-stannatetra decanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl) oxy]-2-oxoethyl]thio]-4-octyl- 7-oxo-8-oxa-3,5-dithia-4-stann atetradecanoate (reaction mass of DOTE and MOTE)	—	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	0.01
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	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	0.01

No.	Test Items	CAS No.	Test Methods	Equipment	Results (%)	MDL (%)
					Total	
163	5-sec-butyl-2-(2,4-dimethyl cyclohex-3-en-1-yl)-5-methyl-1,3- dioxane [1], 5-sec-butyl-2-(4,6-dimethyl cyclohex-3-en-1-yl)-5-methyl-1,3- dioxane [2] [covering any of the individual isomers of [1] and [2] or any combination thereof]	—	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	0.01
164	1,3-propanesultone	1120-71-4		GC-MS	N.D.	0.01
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl) phenol (UV-327)	3864-99-1		GC-MS	N.D.	0.01
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl) phenol (UV-350)	36437-37-3		GC-MS	N.D.	0.01
167	Nitrobenzene	98-95-3		GC-MS	N.D.	0.01
168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4		GC-MS	N.D.	0.01
169	Benzo[def]chrysene	50-32-8		GC-MS	N.D.	0.01
170	4,4'-isopropylidenediphenol (Bisphenol A)	80-05-7		HPLC	N.D.	0.01
171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	335-76-2	US EPA 3550C:2007 US EPA 8321B:2007	HPLC	N.D.	0.01
172	4-heptyl-phenol, branched and linear (4-HPbl)	—		HPLC	N.D.	0.01

Report No. : TSZ23020642-P01-R01

Page 29 of 35

No.	Test Items	CAS No.	Test Methods	Equipment	Results (%)	MDL (%)
					Total	
173	P-(1,1-dimethylpropyl) phenol (PTAP)	80-46-6		HPLC	N.D.	0.01
174	Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	—	US EPA 3550C:2007	HPLC	N.D.	0.01
175	Dechlorane plus (covering any of its individual anti- and syn-isomers or any combination thereof)	—	US EPA 8321B:2007	HPLC	N.D.	0.01
176	Benz[a]anthracene	56-55-3 1718-53-2	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	0.01
177	Cadmium nitrate	10325-94-7		ICP-OES	N.D.	0.01
178	Cadmium carbonate	513-78-0	US EPA 3052:1996 US EPA 6010D:2018	ICP-OES	N.D.	0.01
179	Cadmium hydroxide	21041-95-2		ICP-OES	N.D.	0.01
180	Chrysene	218-01-9 1719-03-5	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	0.01
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]	—	US EPA 3550C:2007 US EPA 8321B:2007	HPLC	N.D.	0.01
182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) (TMA)	552-30-7	US EPA 3550C:2007 US EPA 8321B:2007	HPLC	N.D.	0.01
183	Benzo[ghi]perylene	191-24-2			N.D.	0.01
184	Decamethylcyclopentasiloxane (D5)	541-02-6	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	0.01
185	Dicyclohexyl phthalate (DCHP)	84-61-7			N.D.	0.01

No.	Test Items	CAS No.	Test Methods	Equipment	Results (%)	MDL (%)
					Total	
186	Disodium octaborate	12008-41-2	US EPA 3052:1996 US EPA 6010D:2018	ICP-OES	N.D.	0.01
187	Dodecamethylcyclotetrasiloxane (D6)	540-97-6	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	0.01
188	Ethylenediamine (EDA)	107-15-3			N.D.	0.01
189	Lead	7439-92-1	US EPA3052:1996 US EPA6010D:2018	ICP-OES	N.D.	0.01
190	Octamethylcyclotetrasiloxane (D4)	556-67-2	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	0.01
191	Hydrogenated, Terphenyls	61788-32-7			N.D.	0.01
192	Pyrene	129-00-0		GC-MS	N.D.	0.01
193	Phenanthrene	85-01-8			N.D.	0.01
194	Fluoranthene	206-44-0			N.D.	0.01
195	Benzo[k]fluoranthene	207-08-9			N.D.	0.01
196	2,2-bis(4'-hydroxyphenyl)-4-methylpentane (Bisphenol P)	6807-17-6	US EPA 3550C:2007 US EPA 8321B:2007	HPLC	N.D.	0.01
197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor; 3-BC)	15087-24-8	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	0.01
198	Tris (4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP)	—		GC-MS	N.D.	0.01
199	4-tere-butylphenol	98-54-4		GC-MS	N.D.	0.01
200	2-methoxyethyl acetate	110-49-6		GC-MS	N.D.	0.01
201	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (HFPO-DA)	—		GC-MS	N.D.	0.01
202	Perfluorobutane sulfonic acid (PFBS) and its salts	—		GC-MS	N.D.	0.01

No.	Test Items	CAS No.	Test Methods	Equipment	Results (%)	MDL (%)
					Total	
203	Diisohexyl phthalate	71850-09-4	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	0.01
204	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5		GC-MS	N.D.	0.01
205	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1		GC-MS	N.D.	0.01
206	1-vinylimidazole	1072-63-5		GC-MS	N.D.	0.01
207	2-methylimidazole	693-98-1		GC-MS	N.D.	0.01
208	Butyl 4-hydroxybenzoate	94-26-8		GC-MS	N.D.	0.01
209	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4		GC-MS	N.D.	0.01
210	Bis(2-(2-methoxyethoxy)ethyl)ether	143-24-8		GC-MS	N.D.	0.01
211	Diocetyl tin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety	—	ISO 17353:2004 US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	0.01
212	1,4-dioxane	123-91-1	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	0.01
213	2,2-bis(bromomethyl)propane-1,3-diol (BMP); 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA); 2,3-dibromo-1-propanol (2,3-DBPA)	3296-90-0, 36483-57-5/1 522-92-5, 96-13-9	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	0.01

No.	Test Items	CAS No.	Test Methods	Equipment	Results (%)	MDL (%)
					Total	
214	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	—	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	0.01
215	4,4'-(1-methylpropylidene)bisphe-nol	77-40-7		GC-MS	N.D.	0.01
216	Glutaral	111-30-8		GC-MS	N.D.	0.01
217	Medium-chain chlorinated paraffins (MCCP) UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17	—	US EPA 3052:1996 US EPA 6010D:2018	GC-MS	N.D.	0.01
218	Orthoboric acid, sodium salt	13840-56-7		ICP-OES	N.D.	0.01
219	Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)	—		GC-MS	N.D.	0.01
220	(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC)	—	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	0.01
221	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol (DBMC)	119-47-1		GC-MS	N.D.	0.01

No.	Test Items	CAS No.	Test Methods	Equipment	Results (%)	MDL (%)
					Total	
222	S-(tricyclo[5.2.1.0 ² ,6]deca-3-en-8(or 9)-yl) O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	255881-94-8	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	N.D.
223	Tris(2-methoxyethoxy)vinylsilane	1067-53-4		GC-MS	N.D.	0.01
224	N-(hydroxymethyl)acrylamide	924-42-5		GC-MS	N.D.	0.01
225	1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene] (BTBPE)	37853-59-1		GC-MS	N.D.	0.01
226	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol (TBBP-A)	79-94-7		GC-MS	N.D.	0.01
227	4,4'-sulphonyldiphenol (BPS)	80-09-1		GC-MS	N.D.	0.01
228	Barium diboron tetraoxide	13701-59-2	US EPA 3052:1996 US EPA 6010D:2018	ICP-OES	N.D.	0.01
229	Bis(2-ethylhexyl) Tetrabromophthalate covering any of the individual isomers and/or combinations thereof (TBPH)	—	US EPA 3550C:2007 US EPA 8270E:2018	GC-MS	N.D.	0.01
230	Isobutyl 4-hydroxybenzoate	4247-02-3		GC-MS	N.D.	0.01
231	Melamine	108-78-1		GC-MS	N.D.	0.01
232	Reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropyl-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine	—		GC-MS	N.D.	0.01
233	Perfluoroheptanoic acid (PFHpA) and its salts	—		HPLC	N.D.	0.01

Report No. : TSZ23020642-P01-R01

Page 34 of 35

Remark: -N.D.=Not Detected (<MDL);

-MDL=Method Detected Limit;

-0.1%=1000mg/kg=1000ppm;

-*: The result of Cobalt dichloride was calculated by the testing result of heavy metal element and anion. The result of Diarsenic pentaoxide, Diarsenic trioxide, Sodium dichromate dehydrate, Lead hydrogen arsenate, Aluminosilicate, Zirconia aluminosilicate, Lead chromate, Lead sulchromate yellow and lead chromate molybdate sulphate red, Boric acid, Disodium tetraborate, anhydrous, Tetraboron disodium heptaoxide, hydrate, Sodium chromate, Potassium chromate, Ammonium dichromate and Potassium dichromate, Cobalt sulphate, Cobalt Dinitrate, Cobalt carbonate, Cobalt diacetate, Chromium trioxide, Chromic acid, Dichromic acid, Oligomers of chromic acid and Dichromic acid, Strontium chromate, Dichromium tris(chromate), Potassiumhydroxyoctaoxodizincatedi-chromate, Pentazinc chromate octahydroxide, Aluminosilicate Refractory Ceramic Fibres (RCF), Zirconia Aluminosilicate Refractory Ceramic Fibres Zr-RCF, Lead azide Lead diazide, Lead styphnate, Lead dipicrate, Arsenic acid, Calcium arsenate, Trilead diarsenate, Pentalead tetraoxide sulphate, Lead dinitrate, Tetralead trioxide sulphate, Lead oxide (lead monoxide), Lead titanium trioxide, Dioxobis(stearato)trilead, Acetic acid, lead salt, basic, Tetraethyllead, [Phthalato(2-)]dioxotrilead, Lead cyanamidate, Silicic acid, barium salt, lead-doped, Trilead dioxide phosphonate, Lead Titanium Zirconium Oxide, Basic lead carbonate (trilead bis(carbonate)dihydroxide), Fatty acids, C16-18, lead salts, Lead tetroxide (orange lead), Sulfurous acid, lead salt, dibasic, lead oxide sulphate, Lead bis(tetrafluoroborate), Silicic acid, lead salt, Cadmium oxide, Cadmium nitrate, Cadmium carbonate, Cadmium hydroxide, disodium octaborate were calculated by the testing result of heavy metal element. To judge if the sample contains above metal compounds, further confirmation is needed; MDL is obtained by evaluating elements conversion (such as B, Na, K, As, Pb, Co, Si, Zr, Mo, Cr⁶⁺, P, Ca, Zn, Sr, Ti, Cd). The result of Bis(tributyltin) oxide was calculated by the testing result of tributyltin. This result was the screening result of Bis(tributyltin) oxide, including tributyltin oxide and its salts. If wants to know the exact content of Bis(tributyltin) oxide, further confirmation is needed; MDL is obtained by evaluating tributyltin content.

Test Portions:

(1): Mixture of nonmetal parts

(2): Mixture of metal parts

Total: Calculated of (1) and (2)

Report No. : TSZ23020642-P01-R01

Page 35 of 35

Test Process:

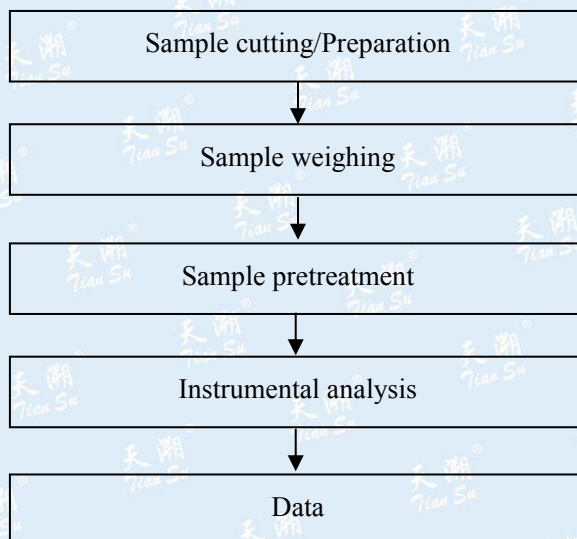
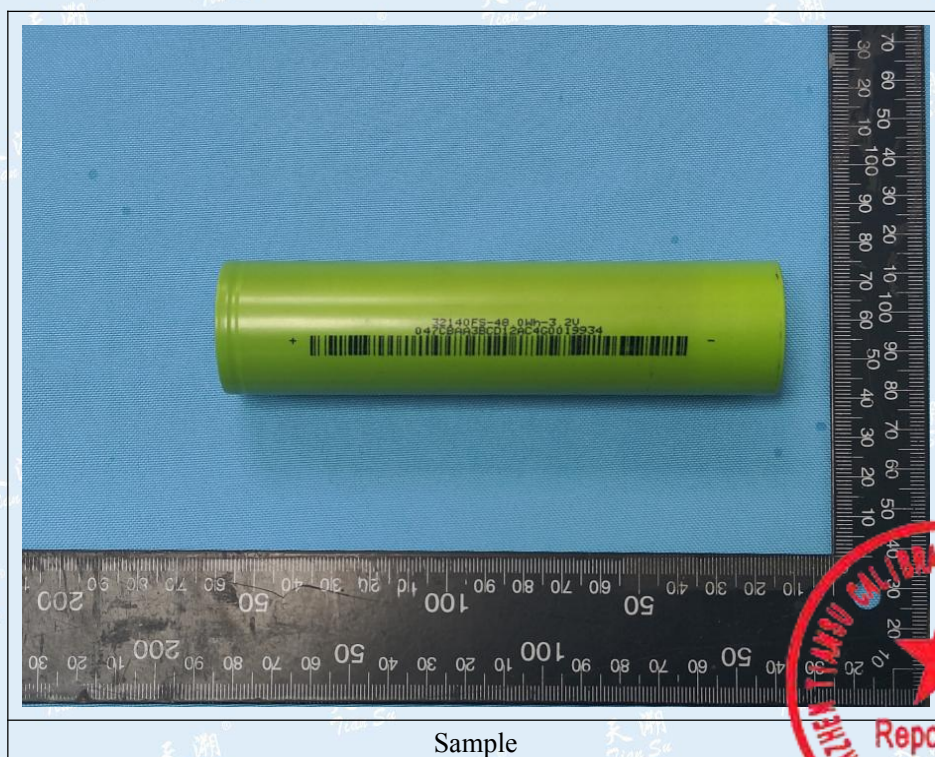


Photo of the sample



Sample



***** End of report *****

This report is invalid without the Special Seal of Tiansu. This report shall not be altered, increased or deleted. The results shown in this report refer only to the sample(s) tested.