

<u>Test Report</u> Number: 170802404SHA-006

Applicant: Ningbo Yutong Electric Appliance Co., Ltd Ningbo Jintong Electric Appliance Co., Ltd.

Hudi Village, Linshan Town Yuyao City, Zhejiang P. R. China

Sample Description:

One (1)piece of submitted sample said to be:

Item Name : PORTABLE FREEZER

Tested model : YT-B-50P

Reference Model : YT-B-aaPJ(aa=35,45,50,55,65,75),

YT-B-bbPN(bb=20,30,40,50,60,70,80,90), YT-B-ccP(cc=12,16,20,30,35,40,50), YT-B-ddS (dd=45,55,65,80,100,130),

YT-B-eeD,YT-B-eeDX(ee=45,55,65,75,90,120)

Date:

Oct 25, 2017

Tests Conducted:

As Requested By The Applicant, For Details Refer To Attached Page(S)

Remark:

The tested samples were confirmed by client and reference models were based on the self-declaration supplied by clients. **Intertek** takes no responsibility for any issues of product consistency caused by inaccurate and/or invalid information

submitted by the client.

Conclusion:

Tested Sample Test Item Result

Tested Component of EU REACH Regulation No 1907/2006 Article 33(1)

Submitted Sample Obligation to provide information of safe use (see REACH

requirement in report for details)

To be continued

Meet Requirement





<u>Test Report</u> Number: 170802404SHA-006

**Test Sequence** 

# I. SVHC Testing Results

By a combination of X-Ray Fluorescence Spectroscopy, Inductively Coupled Argon Plasma Spectrometry, Gas Chromatography – Mass Spectrometry, Liquid Chromatography - Mass Spectrometry, UV-VIS Spectrophotometer, Ion Chromatography, Gas Chromatography - Electron Capture Detector, Headspace Gas Chromatography - Mass Spectrometry and High-Performance Liquid Chromatography.

(a) The First List (15 SVHC Released in Oct, 2008)

(u) 1110	inst List (15 5 vino rieleased in Oct, 2000)		
No.	Chemical Substance	CAS No.	Results % (w/w) Whole Product
1	Cobalt Dichloride $\Delta$	7646-79-9	<0.05
2	Diarsenic Pentaoxide $\Delta$	1303-28-2	<0.05
3	Diarsenic Trioxide $\Delta$	1327-53-3	<0.05
4	Lead Hydrogen Arsenate ∆	7784-40-9	<0.05
5	Triethyl Arsenate $\Delta$	15606-95-8	<0.05
6	Sodium Dichromate Δ	7789-12-0, 10588-01-9	<0.05
7	Bis (Tributyltin) Oxide (TBTO) Δ	56-35-9	<0.05
8	Anthracene	120-12-7	<0.05
9	4,4'-Diaminodiphenylmethane (MDA)	101-77-9	<0.05
10	Hexabromocyclododecane (HBCDD) and All Major Diastereoisomers Identified (α-HBCDD, β-HBCDD, γ-HBCDD)	25637-99-4 and 3194-55-6 (134237-50-6, 134237-51-7, 134237-52-8, 25637-99-4)	<0.05
11	5-Tert-Butyl-2,4,6-Trinitro-m-Xylene (Musk Xylene)	81-15-2	<0.05
12	Bis (2-Ethylhexyl) Phthalate (DEHP)	117-81-7	0.09
13	Dibutyl Phthalate (DBP)	84-74-2	<0.05
14	Benzyl Butyl Phthalate (BBP)	85-68-7	<0.05
15	Short Chain Chlorinated Paraffins (C <sub>10-13</sub> )	85535-84-8	<0.05

(b) The Second List (13 SVHC Release in Jan, 2010 and Mar, 2010)

No	Chemical Substance	CAS No.	Results % (w/w)
No.		<u>CAS No.</u>	Whole Product
16	Lead Chromate $\Delta$	7758-97-6	<0.05
17	Lead Chromate Molybdate Sulphate Red (C.I. Pigment Red 104) $\Delta$	12656-85-8	<0.05
18	Lead Sulfochromate Yellow (C.I. Pigment Yellow 34) $\Delta$	1344-37-2	<0.05
19	Tris (2-Chloroethyl) Phosphate	115-96-8	<0.05
20	2,4-Dinitrotoluene	121-14-2	<0.05
21	Diisobutyl Phthalate (DIBP)	84-69-5	<0.05
22	Coal Tar Pitch, High Temperature	65996-93-2	<0.05
23	Anthracene Oil	90640-80-5	<0.05
24	Anthracene Oil, Anthracene Paste, Distn. Lights	91995-17-4	<0.05
25	Anthracene Oil, Anthracene Paste, Anthracene Fraction	91995-15-2	<0.05
26	Anthracene Oil, Anthracene-low	90640-82-7	<0.05
27	Anthracene Oil, Anthracene Paste	90640-81-6	<0.05
28	Acrylamide	79-06-1	<0.05



(c) The Third List (8 SVHC Release in Jun, 2010)

No	Chamical Cubatanas	Chemical Substance CAS No.	Results % (w/w)
No.	No. Chemical Substance	<u>CAS No.</u>	Whole Product
29	Boric Acid ∆	10043-35-3, 11113-50-1	<0.05
30	Disodium Tetraborate, Anhydrous Δ	1330-43-4, 12179-04-3, 1303-96-4	<0.05
31	Tetraboron Disodium Heptaoxide, Hydrate $\Delta$	12267-73-1	<0.05
32	Sodium Chromate $\Delta$	7775-11-3	<0.05
33	Potassium Chromate Δ	7789-00-6	<0.05
34	Ammonium Dichromate $\Delta$	7789-09-5	<0.05
35	Potassium Dichromate $\Delta$	7778-50-9	<0.05
36	Trichloroethylene	79-01-6	< 0.05

(d) The Fourth List (8 SVHC Release in Dec, 2010)

	01 · 10 1 ·		Results % (w/w)
No. Chemical Substance	Chemical Substance	<u>CAS No.</u>	Whole Product
37	2-Methoxyethanol	109-86-4	< 0.05
38	2-Ethoxyethanol	110-80-5	<0.05
39	Cobalt Sulphate $\Delta$	10124-43-3	<0.05
40	Cobalt Dinitrate $\Delta$	10141-05-6	<0.05
41	Cobalt Carbonate $\Delta$	513-79-1	<0.05
42	Cobalt Diacetate $\Delta$	71-48-7	<0.05
43	Chromium Trioxide $\Delta$	1333-82-0	<0.05
44	Chromic Acid $\Delta$ Dichromic Acid $\Delta$ Oligomers of Chromic Acid and Dichromic Acid $\Delta$	7738-94-5 13530-68-2 	<0.05

(e) The Fifth List (7 SVHC Release in Jun, 2011)

No	Chamical Cubatanas	CACALO	Results % (w/w)
No.	Chemical Substance	CAS No.	Whole Product
45	Strontium Chromate∆	7789-06-2	<0.05
46	2-ethoxyethyl acetate (2-EEA)	111-15-9	<0.05
47	1,2-Benzenedicarboxylic acid, di-C <sub>7-11</sub> - branched and linear alkyl esters (DHNUP)	68515-42-4	<0.05
48	Hydrazine	7803-57-8 302-01-2	<0.05
49	1-methyl-2-pyrrolidone	872-50-4	<0.05
50	1,2,3-trichloropropane	96-18-4	<0.05
51	1,2-Benzenedicarboxylic acid, di-C <sub>6-8</sub> -branched alkyl esters, C <sub>7</sub> -rich (DIHP)	71888-89-6	<0.05



(f) The Sixth List (20 SVHC Release in Dec, 2011)

	Chamical Substance		Results % (w/w)
No.	Chemical Substance	CAS No.	Whole Product
52	Lead dipicrate∆	6477-64-1	< 0.05
53	Lead styphnate∆	15245-44-0	<0.05
54	Lead azide; Lead diazide∆	13424-46-9	<0.05
55	Phenolphthalein	77-09-8	< 0.05
56	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	<0.05
57	N,N-dimethylacetamide (DMAC)	127-19-5	<0.05
58	Trilead diarsenate∆	3687-31-8	< 0.05
59	Calcium arsenate∆	7778-44-1	<0.05
60	Arsenic acid∆	7778-39-4	<0.05
61	Bis(2-methoxyethyl) ether	111-96-6	< 0.05
62	1,2-Dichloroethane	107-06-2	< 0.05
63	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	<0.05
64	2-Methoxyaniline; o-Anisidine	90-04-0	< 0.05
65	Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	< 0.05
66	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	<0.05
67	Pentazinc chromate octahydroxide∆	49663-84-5	< 0.05
68	Potassium hydroxyoctaoxodizincate di-chromate∆	11103-86-9	<0.05
69	Dichromium tris(chromate)∆	24613-89-6	<0.05
70	Aluminosilicate Refractory Ceramic Fibres $\Delta$	(Index No. 650-017-00-8)	<0.05
71	Zirconia Aluminosilicate Refractory Ceramic Fibres Δ	(Index No. 650-017-00-8)	<0.05



(a) The Seventh List (13 SVHC Release in Jun. 2012)

No.	e Seventh List (13 SVHC Release in Jun, 20 Chemical Substance	CAS No.	Results % (w/w) Whole Product
72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	<0.05
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	<0.05
74	Diboron trioxide∆	1303-86-2	<0.05
75	Formamide	75-12-7	<0.05
76	Lead(II) bis(methanesulfonate) $\Delta$	17570-76-2	< 0.05
77	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	2451-62-9	<0.05
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	<0.05
79	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	<0.05
80	N,N,N',N'-tetramethyl-4,4'- methylenedianiline (Michler's base)	101-61-1	<0.05
81	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1- ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	548-62-9	<0.05
82	[4-[[4-anilino-1-naphthyl]][4- (dimethylamino)phenyl]methylene]cycloh exa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	2580-56-5	<0.05
83	α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1- methanol (C.I. Solvent Blue 4) [with ≥ 0.1% of Michler's ketone (EC No. 202- 027-5) or Michler's base (EC No. 202- 959-2)]	6786-83-0	<0.05
84	4,4'-bis(dimethylamino)-4"- (methylamino)trityl alcohol [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	561-41-1	<0.05



(h) The Eighth List (54 SVHC Release in Dec. 2012)

abromophenyl) ether modiphenyl ether; DecaBDE) safluorotridecanoic acid uorododecanoic acid safluorotetradecanoic acid 1,2-dicarboxamide odi(formamide)) sane-1,2-dicarboxylic anhydride	CAS No.  1163-19-5  72629-94-8  307-55-1  2058-94-8  376-06-7  123-77-3  85-42-7	Results % (w/w) Whole Product  <0.05  <0.05  <0.05  <0.05  <0.05  <0.05  <0.05
modiphenyl ether; DecaBDE) safluorotridecanoic acid uorododecanoic acid afluoroundecanoic acid safluorotetradecanoic acid 1,2-dicarboxamide odi(formamide)) sane-1,2-dicarboxylic anhydride	72629-94-8 307-55-1 2058-94-8 376-06-7 123-77-3	<0.05 <0.05 <0.05 <0.05
safluorotridecanoic acid uorododecanoic acid afluoroundecanoic acid safluorotetradecanoic acid 1,2-dicarboxamide odi(formamide)) sane-1,2-dicarboxylic anhydride	307-55-1 2058-94-8 376-06-7 123-77-3	<0.05 <0.05 <0.05
afluoroundecanoic acid safluorotetradecanoic acid 1,2-dicarboxamide odi(formamide)) cane-1,2-dicarboxylic anhydride	2058-94-8 376-06-7 123-77-3	<0.05 <0.05
safluorotetradecanoic acid 1,2-dicarboxamide odi(formamide)) sane-1,2-dicarboxylic anhydride	376-06-7 123-77-3	<0.05
1,2-dicarboxamide odi(formamide)) cane-1,2-dicarboxylic anhydride	123-77-3	
odi(formamide)) cane-1,2-dicarboxylic anhydride		<0.05
	85-42-7	
nevane-1 2-dicarbovulio		
e [2]	13149-00-3	
elohexane-1,2-dicarboxylic e [3]	14166-21-3	<0.05
vidual cis- [2] and trans- [3] ubstances and all possible tions of the cis- and trans- [1] are covered htry].		
romethylphthalic anhydride [1],	25550-51-0	
ro-4-methylphthalic anhydride	19438-60-9	
ro-1-methylphthalic anhydride	48122-14-1	
ro-3-methylphthalic anhydride	57110-29-9	<0.05
vidual isomers [2], [3] and [4] g their cis- and trans- stereo forms) and all possible ions of the isomers [1] are by this entry]		
henol, branched and linear		
ces with a linear and/or dialkyl chain with a carbon of 9 covalently bound in position nol, covering also UVCB- and ned substances which include e individual isomers or a cion thereof]	<u></u>	<0.05
3-tetramethylbutyl)phenol, ed		<0.05
1000	f 9 covalently bound in position ol, covering also UVCB- and ed substances which include individual isomers or a on thereof] -tetramethylbutyl)phenol, ed well-defined substances and	f 9 covalently bound in position ol, covering also UVCB- and ed substances which include individual isomers or a on thereof] -tetramethylbutyl)phenol, ed



05		005.45.0	1 0.05
95	Methoxyacetic acid	625-45-6	<0.05
96	N,N-dimethylformamide	68-12-2	<0.05
97	Dibutyltin dichloride (DBTC) Δ	683-18-1	<0.05
98	Lead monoxide (Lead oxide) $\Delta$	1317-36-8	<0.05
99	Orange lead (Lead tetroxide) Δ	1314-41-6	<0.05
100	Lead bis(tetrafluoroborate) Δ	13814-96-5	< 0.05
101	Trilead bis(carbonate)dihydroxide Δ	1319-46-6	<0.05
102	Lead titanium trioxide∆	12060-00-3	<0.05
103	Lead titanium zirconium oxide∆	12626-81-2	<0.05
104	Silicic acid, lead salt $\Delta$	11120-22-2	<0.05
105	Silicic acid (H2Si2O5), barium salt (1:1), lead-doped∆  [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-	68784-75-8	<0.05
106	00-6 in Regulation (EC) No 1272/2008] 1-bromopropane (n-propyl bromide)	106-94-5	<0.05
106 107	Methyloxirane (Propylene oxide)	75-56-9	<0.05
107	1,2-Benzenedicarboxylic acid,	75-56-9	<0.05
108	dipentylester, branched and linear	84777-06-0	<0.05
109	Diisopentylphthalate (DIPP)	605-50-5	<0.05
110	N-pentyl-isopentylphthalate	776297-69-9	<0.05
111	1,2-diethoxyethane	629-14-1	<0.05
112	Acetic acid, lead salt, basic∆	51404-69-4	<0.05
113	Lead oxide sulfate∆	12036-76-9	<0.05
114	[Phthalato(2-)]dioxotrilead∆	69011-06-9	<0.05
115	Dioxobis(stearato)trilead∆	12578-12-0	<0.05
116	Fatty acids, C16-18, lead salts∆	91031-62-8	< 0.05
117	Lead cyanamidate∆	20837-86-9	< 0.05
118	Lead dinitrate∆	10099-74-8	<0.05
119	Pentalead tetraoxide sulphate∆	12065-90-6	< 0.05
120	Pyrochlore, antimony lead yellow∆	8012-00-8	< 0.05
121	Sulfurous acid, lead salt, dibasic∆	62229-08-7	< 0.05
122	Tetraethyllead∆	78-00-2	< 0.05
123	Tetralead trioxide sulphate∆	12202-17-4	<0.05
124	Trilead dioxide phosphonate∆	12141-20-7	<0.05
125	Furan	110-00-9	<0.05
126	Diethyl sulphate	64-67-5	<0.05
127	Dimethyl sulphate	77-78-1	<0.05
128	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	<0.05
129	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	<0.05
130	4,4'-methylenedi-o-toluidine	838-88-0	<0.05
131	4,4'-oxydianiline and its salts	101-80-4	<0.05
132	4-aminoazobenzene	60-09-3	<0.05
133	4-methyl-m-phenylenediamine (toluene- 2,4-diamine)	95-80-7	<0.05
134	6-methoxy-m-toluidine (p-cresidine)	120-71-8	<0.05
135	Biphenyl-4-ylamine	92-67-1	<0.05
136	o-aminoazotoluene [(4-o-tolylazo-o-toluidine])	97-56-3	<0.05



137	o-toluidine	95-53-4	<0.05
138	N-methylacetamide	79-16-3	< 0.05

(i) The ninth List (6 SVHC Release in Jun, 2013)

No.	Chemical Substance	CAS No.	Results % (w/w)
<u>110.</u>		<u>CAS No.</u>	Whole Product
139	Cadmium∆	7440-43-9	<0.05
140	Cadmium oxide∆	1306-19-0	<0.05
141	Dipentyl phthalate (DPP)	131-18-0	<0.05
142	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	-	<0.05
143	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	<0.05
144	Pentadecafluorooctanoic acid (PFOA)	335-67-1	<0.05

(j) The tenth List (7 SVHC Release in Dec, 2013)

, , , , , , , , , , , , , , , , , , ,			Results % (w/w)
No.	Chemical Substance	CAS No.	Whole Product
145	Cadmium sulphide∆	1306-23-6	<0.05
146	Disodium 3,3'-[[1,1'-biphenyl]-4,4'- diylbis(azo)]bis(4-aminonaphthalene-1- sulphonate) (C.I. Direct Red 28)	573-58-0	<0.05
147	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	1937-37-7	<0.05
148	Dihexyl phthalate	84-75-3	<0.05
149	Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	<0.05
150	Lead di(acetate) $\Delta$	301-04-2	<0.05
151	Trixylyl phosphate	25155-23-1	<0.05

# (k) The eleventh List (4 SVHC Release in Jun, 2014)

1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1				
No.	Chemical Substance	CAS No.	Results % (w/w) Whole Product	
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	<0.05	
153	Cadmium chloride∆	10108-64-2	<0.05	
154	Sodium perborate; Perboric acid, sodium salt∆	15120-21-5 11138-47-9	<0.05	
155	Sodium peroxometaborate∆	7632-04-4	< 0.05	



(I) The twelfth List (6 SVHC Release in December, 2014)

No.	Chemical Substance	CAS No.	Results % (w/w)
			Whole Product
156	2-(2H-benzotriazol-2-yl)-4,6- ditertpentylphenol (UV-328)	25973-55-1	<0.05
157	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	<0.05
158	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	<0.05
159	Cadmium fluoride∆	7790-79-6	<0.05
160	Cadmium sulphate∆	10124-36-4; 31119-53-6	<0.05
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

(m) The thirteenth List (2 SVHC Release in June, 2015)

No.	Chemical Substance	CAS No.	Results % (w/w) Whole Product
162	1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5)	68515-51-5; 68648-93-1	<0.05
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 isomers of [1] and [2] or any combination thereof]		<0.05

(n) The fourteenth List (5 SVHC Release in December, 2015)

No	Chemical Substance	CAS No.	Results % (w/w)
No.			Whole product
164	1,3-Propanesultone	1120-71-4	<0.05
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol- 2-yl) phenol (UV-327)	3864-99-1	<0.05
166	2-(2H-Benzotriazol-2-yl)-4-(tert-butyl)-6- (sec-butyl)phenol (UV-350)	36437-37-3	<0.05
167	Nitrobenzene	98-95-3	<0.05
168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1; 21049-39-8; 4149-60-4	<0.05

(o) The fifteenth List (1 SVHC Release in June, 2016)

No.	Chemical Substance	CAS No.	Results % (w/w) Whole Product
169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	<0.05



(p) The sixteenth List (4 SVHC Release in January, 2017)

No.	Chemical Substance	CAS No.	Results % (w/w)
			Whole Product
170	4,4'-isopropylidenediphenol (bisphenol A)	80-05-7	<0.05
171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts  Nonadecafluorodecanoic acid EC no.: 206-400-3   CAS no.: 335-76-2  Ammonium nonadecafluorodecanoate EC no.: 221-470-5   CAS no.: 3108-42-7  Decanoic acid, nonadecafluoro-, sodium salt EC no.:   CAS no.: 3830-45-3		<0.05
172	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
173	p-(1,1-dimethylpropyl)phenol	80-46-6	<0.05

(g) The seventeenth List (1 SVHC Release in July, 2017)

П	Na	Chemical Substance	CAS No.	Results % (w/w)
No.	NO.			Whole product
	174	Perfluorohexane-1-sulphonic acid and its salt (PFHxS)		<0.05

Reporting limit=0.010% (raw material)
Reporting limit=0.050% (whole product)

SVHC = Substance of very high concern

ND = Not detected (the result is less than the reporting limit)

Reporting limit = Quantitation limit of analyte in sample

 $\Delta$  = Determination was based on elemental analysis. The content was calculated based on assumption of worst-case.

As applicant's requirement, materials were screened in composite testing and results were reported in proportion with the whole product weight.



<u>Test Report</u> Number: 170802404SHA-006

### Notes:

- 1. Substances of very high concern (SVHC) are classified as:
  - a. Carcinogenic, mutagenic or toxic to reproduction category 1 (proven on humans) and category 2 (proven on animals)
  - b. Persistent, bioaccumulative and toxic chemicals (PBT)
  - c. Very persistent and very bioaccumulative chemicals (vPvB)
  - d. Other similar substances such as endocrine disrupters
- 2. If the imported or manufactured volume of each individual SVHC in article is more than 0.1% (w/w) and if it exceeds 1 tonne per year across all product ranges, then importer or manufacturer require notification to the European Chemical Agency (ECHA). For substances included in the Candidate List on or after 1 December 2010, the notifications have to be submitted no later than 6 months after the inclusion. The following information has to be submitted for notification:
  - a. Identification of the registrant and the substance
  - b. Classification and labelling of the substance
  - c. Description of use of the substance and the article
  - d. Registration number, if available
  - e. Tonnage range
- 3. As per article 31 of regulation (EC) No. 1907/2006 (REACH), suppliers of mixtures not classified as dangerous according to directive 1999/45/EC have to provide the recipients, at their request, with a safety data sheet if the mixtures contain at least one substance on the SVHC candidate list and its individual concentration is 0.1%(w/w) or above for non-gaseous preparations.

# **REACH** requirement:

As per article 33(1) of regulation (EC) No. 1907/2006 (REACH), recipients of product must be provided with information of safe use if any of the tested substances (SVHC) exceeded 0.1% (w/w). A product meets the requirement of article 33(1) by default when no SVHC exceeds 0.1% (w/w).

## Summary:

According to specified test processes in this report, content of 174 Substances of Very High Concern (SVHC) in candidate list promulgated by European Chemicals Agency (ECHA), which are defined in article 57 of Regulation (EC) No. 1907/2006 (REACH Regulation), are less than 0.1% (w/w) in submitted sample.





Date sample received: Sep 01, 2017

Testing period: Sep 01, 2017 To Sep 19, 2017

End of Report

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