

# TEST REPORT

<b><u>APPLICANT</u></b>	:	Joyeyou (Shanghai) Industry Co.,Ltd
<b><u>ADDRESS</u></b>	:	27-913,Lane 1289, East Park Road, Qingpu,Shanghai, 201700,China
<b><u>SAMPLE DESCRIPTION</u></b>	:	HDPE Rasachel netting
<b><u>MATERIAL NO.</u></b>	:	HDPE
<b><u>SAMPLE RECEIVED DATE</u></b>	:	28-Oct-2016
<b><u>TURN AROUND TIME</u></b>	:	28-Oct-2016 to 04-Nov-2016, 6 Working Days
<b><u>TEST REQUESTED</u></b>	:	According to European Commission Regulation 1907/2006 (REACH Act), to test the SVHC content which have been listed in ECHA's SVHC candidate list till June 20, 2016. <a href="http://echa.europa.eu/chem_data/candidate_list_table_en.asp">http://echa.europa.eu/chem_data/candidate_list_table_en.asp</a>
<b><u>TEST METHOD</u></b>	:	In-house method with reference to EPA 3052, EPA 6010C, IEC 62321, EPA 3550C, EPA 8270D, EPA 8321B, EN14362, ISO 17353 and AfPS GS 2014:01 PAK.
<b><u>TEST RESULT</u></b>	:	Refer to next page(s)

The following test item(s) was/were performed on selected sample(s) and/or component(s) appointed by applicant.

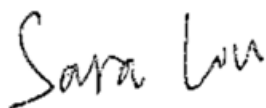
*Results obtained refer only to samples, products or material received in Laboratory, as described in point related to sample description, and tested in conditions shown in present report. Eurofins Product Testing Service (Shanghai) Co., Ltd ensures that this job has been performed according to our Quality System and complying contract and legal conditions. If you happen to have any comments, please do it by sending email to [hz.info@eurofins.com](mailto:hz.info@eurofins.com) and referring to this report number. Reproduction of this document is only valid if it is done completely and under the written permission of Eurofins Product Testing Service (Shanghai) Co., Ltd. If you happen to have any complaints, please do it by sending email to [chinacomplaint@eurofins.com](mailto:chinacomplaint@eurofins.com) and referring to this report number.*

**Remark :**

- (1) The chemical analysis of specified SVHC is performed by means of currently available analytical techniques against the following SVHC related documents published by ECHA:
  - (A) [http://echa.europa.eu/chem\\_data/authorisation\\_process/candidate\\_list\\_table\\_en.asp](http://echa.europa.eu/chem_data/authorisation_process/candidate_list_table_en.asp)
  - (B) [http://echa.europa.eu/consultations/authorisation/svhc/svhc\\_cons\\_en.asp](http://echa.europa.eu/consultations/authorisation/svhc/svhc_cons_en.asp)
  - (C) [http://echa.europa.eu/chem\\_data/reg\\_int\\_tables/reg\\_int\\_curr\\_int\\_en.asp#current\\_svhc](http://echa.europa.eu/chem_data/reg_int_tables/reg_int_curr_int_en.asp#current_svhc)These lists are under evaluation by ECHA and may subject to change in the future.
- (2) In accordance with Regulation (EC) No 1907/2006, any EU producer or importer of articles shall notify ECHA, in accordance with paragraph 4 of Article 7, if a substance meets the criteria in Article 57 and is identified in accordance with Article 59(1) of the Regulation, if (a) the substance in the Candidate List is present in those articles in quantities totaling over one tonne per producer or importer per year; and (b) the substance in the Candidate List is present in those articles above a concentration of 0.1% weight by weight (w/w).
- (3) From 28 October 2008, EU & EEA suppliers of articles which contain substances on the Candidate List in a concentration above 0.1% (w/w) must provide sufficient information, available to them, to their customers and on request to a consumer within 45 days of the receipt of this request. This information must ensure safe use of the article and, as a minimum, include the name of the substance.
- (4) If a SVHC is found over the reporting limit, client is suggested to identify the component which contains the SVHC and the exact concentration of the SVHC by requesting further quantitative analysis from the laboratory.

\*\*\*\*\* FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) \*\*\*\*\*

Signed for and on behalf of  
Eurofins Product Testing Service (Shanghai) Co., Ltd Hangzhou Branch



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Sara Liu  
Quality Supervisor

**SAMPLE PHOTO**



Overall



Non-metal

**EFHZ16100616-CG**

\*\*\*TO BE CONTINUED\*\*\*

## **COMPONENT LIST**

<b>Component No.</b>	<b>Component</b>
1	Black plastic netting1
2	Black plastic netting 2
3	Brown plastic netting
4	Grey plastic netting 1
5	Grey plastic netting 2
6	Green plastic netting 1
7	Ivory plastic netting
8	Green plastic netting 2
9	Green plastic netting 3
10	Dark brown plastic netting
11	Green plastic netting 3

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

Seq.	Test Item(s)	CAS No.	MDL (%)	1+2+3+4+5+6+7+8+9+10+11	
				Result (mg/kg)	Result (%(w/w))
				Tested Product	Per Article Weight
1	2,4-Dinitrotoluene	121-14-2	0.01	ND	ND
2	2-Ethoxyethanol	110-80-5	0.005	ND	ND
3	2-Methoxyethanol	109-86-4	0.005	ND	ND
4	4,4'- Diaminodiphenylmethane(MDA)	101-77-9	0.005	ND	ND
5	5-tert-butyl-2,4,6-trinitro-m-xylene(musk xylene)	81-15-2	0.005	ND	ND
6	Acrylamide	79-06-1	0.01	ND	ND
7	Alkanes, C <sub>10-13</sub> , chloro (Short Chain Chlorinated Paraffins)	85535-84-8	0.005	ND	ND
8	Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.2 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the two following conditions: a) Al <sub>2</sub> O <sub>3</sub> and SiO <sub>2</sub> are present within the following concentration ranges: Al <sub>2</sub> O <sub>3</sub> : 43.5 – 47 % w/w, and SiO <sub>2</sub> : 49.5 – 53.5 % w/w, or Al <sub>2</sub> O <sub>3</sub> : 45.5 – 50.5 % w/w, and SiO <sub>2</sub> : 48.5 – 54 % w/w, b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm)***	---	0.01	ND	ND
9	Ammonium dichromate*	7789-09-5	0.01	ND	ND
10	Anthracene	120-12-7	0.005	ND	ND
11	Anthracene oil	90640-80-5	0.01	ND	ND
12	Anthracene oil, anthracene paste	90640-81-6	0.01	ND	ND
13	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	0.01	ND	ND
14	Anthracene oil, anthracene paste; distn. Lights	91995-17-4	0.01	ND	ND
15	Anthracene oil, anthracene-low	90640-82-7	0.01	ND	ND

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

Seq.	Test Item(s)	CAS No.	MDL (%)	1+2+3+4+5+6+7+8+9+10+11	
				Result (mg/kg)	Result (%(w/w))
				Tested Product	Per Article Weight
16	Benzyl butyl phthalate(BBP)	85-68-7	0.005	ND	ND
17	Bis(2-ethylhexyl)phthalate(DEHP)	117-81-7	0.005	ND	ND
18	Bis(tributyltin)oxide(TBTO)**	56-35-9	0.005	ND	ND
19	Boric acid*	10043-35-3 / 11113-50-1	0.01	ND	ND
20	Chromic acid, Oligomers of chromic acid and dichromic acid, Dichromic acid*	7738-94-5 - 13530-68-2	0.01	ND	ND
21	Chromium trioxide*	1333-82-0	0.01	ND	ND
22	Cobalt dichloride*	7646-79-9	0.01	ND	ND
23	Cobalt(II) carbonate*	513-79-1	0.01	ND	ND
24	Cobalt(II) diacetate*	71-48-7	0.01	ND	ND
25	Cobalt(II) dinitrate*	10141-05-6	0.01	ND	ND
26	Cobalt(II) sulphate*	10124-43-3	0.01	ND	ND
27	Diarsenic pentaoxide*	1303-28-2	0.01	ND	ND
28	Diarsenic trioxide*	1327-53-3	0.01	ND	ND
29	Dibutyl Phthalate(DBP)	84-74-2	0.002	ND	ND
30	Diisobutyl Phthalate(DIBP)	84-69-5	0.01	ND	ND
31	Disodium tetraborate, anhydrous*	1303-96-4/ 1330-43-4/ 12179-04-3	0.01	ND	ND
32	Hexabromocyclododecane(HBCDD) and all major diastereoisomers identified: Alpha-hexabromocyclododecane Beta-hexabromocyclododecane Gamma-hexabromocyclododecane	25637-99-4 3194-55-6 (134237-50-6) (134237-51-7) (134237-52-8)	0.005	ND	ND
33	Lead chromate*	7758-97-6	0.01	ND	ND
34	Lead chromate molybdate sulfate red (C.I. Pigment Red 104)*	12656-85-8	0.01	ND	ND
35	Lead hydrogen arsenate*	7784-40-9	0.01	ND	ND

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

Seq.	Test Item(s)	CAS No.	MDL (%)	1+2+3+4+5+6+7+8+9+10+11	
				Result (mg/kg)	Result (%(w/w))
				Tested Product	Per Article Weight
36	Lead sulfochromate yellow (C.I. Pigment Yellow 34)*	1344-37-2	0.01	ND	ND
37	Coal tar pitch, high temperature	65996-93-2	0.01	ND	ND
38	Potassium chromate*	7789-00-6	0.01	ND	ND
39	Potassium dichromate*	7778-50-9	0.01	ND	ND
40	Sodium chromate*	7775-11-3	0.01	ND	ND
41	Sodium dichromate*	7789-12-0/ 10588-01-9	0.01	ND	ND
42	Tetraboron disodium heptaoxide, hydrate*	12267-73-1	0.01	ND	ND
43	Trichloroethylene	79-01-6	0.01	ND	ND
44	Triethyl arsenate*	15606-95-8	0.01	ND	ND
45	Tris(2-chloroethyl)phosphate	115-96-8	0.01	ND	ND
46	Zirconia Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.2 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the two following conditions: a) Al <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub> and ZrO <sub>2</sub> are present within the following concentration ranges: Al <sub>2</sub> O <sub>3</sub> : 35 – 36 % w/w, and SiO <sub>2</sub> : 47.5 – 50 % w/w, and ZrO <sub>2</sub> : 15 - 17 % w/w, b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm)***	---	0.01	ND	ND
47	2-ethoxyethyl acetate	111-15-9	0.01	ND	ND
48	Strontium chromate*	7789-06-2	0.01	ND	ND
49	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	0.01	ND	ND
50	Hydrazine	7803-57-8 302-01-2	0.01	ND	ND

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

Seq.	Test Item(s)	CAS No.	MDL (%)	1+2+3+4+5+6+7+8+9+10+11	
				Result (mg/kg)	Result (%(w/w))
				Tested Product	Per Article Weight
51	1-methyl-2-pyrrolidone	872-50-4	0.01	ND	ND
52	1,2,3-trichloropropane	96-18-4	0.01	ND	ND
53	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters,C7-rich	71888-89-6	0.01	ND	ND
54	Lead dipicrate*	6477-64-1	0.01	ND	ND
55	Lead styphnate*	15245-44-0	0.01	ND	ND
56	Lead azide Lead diazide*	13424-46-9	0.01	ND	ND
57	Phenolphthalein	77-09-8	0.01	ND	ND
58	2,2'-dichloro-4,4'-methylenedianiline	101-14-4	0.01	ND	ND
59	N,N-dimethylacetamide	127-19-5	0.01	ND	ND
60	Trilead diarsenate*	3687-31-8	0.01	ND	ND
61	Calcium arsenate*	7778-44-1	0.01	ND	ND
62	Arsenic acid*	7778-39-4	0.01	ND	ND
63	Bis(2-methoxyethyl) ether	111-96-6	0.01	ND	ND
64	1,2-Dichloroethane	107-06-2	0.01	ND	ND
65	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9	0.01	ND	ND
66	2-Methoxyaniline; o-Anisidine	90-04-0	0.01	ND	ND
67	Bis(2-methoxyethyl) phthalate	117-82-8	0.01	ND	ND
68	Formaldehyde, oligomeric reaction products with aniline	25214-70-4	0.01	ND	ND
69	Pentazinc chromate octahydroxide*	49663-84-5	0.01	ND	ND
70	Potassium hydroxyoctaoxodizincatedi-chromate*	11103-86-9	0.01	ND	ND
71	Dichromium tris(chromate)*	24613-89-6	0.01	ND	ND
72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	0.01	ND	ND
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether	110-71-4	0.01	ND	ND

\*\*\*TO BE CONTINUED\*\*\*



## TEST RESULT

Seq.	Test Item(s)	CAS No.	MDL (%)	1+2+3+4+5+6+7+8+9+10+11	
				Result (mg/kg)	Result (%(w/w))
				Tested Product	Per Article Weight
74	Diboron trioxide*	1303-86-2	0.01	ND	ND
75	Formamide	75-12-7	0.01	ND	ND
76	Lead(II) bis(methanesulfonate) *	17570-76-2	0.01	ND	ND
77	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	2451-62-9	0.01	ND	ND
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	0.01	ND	ND
79	4,4'-bis(dimethylamino) benzophenone (Michler's ketone)	90-94-8	0.01	ND	ND
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	0.01	ND	ND
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	0.01	ND	ND
82	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-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	0.01	ND	ND
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	0.01	ND	ND
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	0.01	ND	ND
85	Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5	0.01	ND	ND
86	Pentacosfluorotridecanoic acid	72629-94-8	0.01	ND	ND
87	Tricosfluorododecanoic acids	307-55-1	0.01	ND	ND
88	Henicosfluoroundecanoic acid	2058-94-8	0.01	ND	ND

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

Seq.	Test Item(s)	CAS No.	MDL (%)	1+2+3+4+5+6+7+8+9+10+11	
				Result (mg/kg)	Result (%(w/w))
				Tested Product	Per Article Weight
89	Heptacosafuorotetradecanoic acid	376-06-7	0.01	ND	ND
90	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated -covering well-defined substances and UVCB substances, polymers and homologues	---	0.01	ND	ND
91	4-Nonylphenol, branched and linear -substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof	---	0.01	ND	ND
92	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	0.01	ND	ND
93	Cyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA)	85-42-7	0.01	ND	ND
94	Hexahydromethylphthalic anhydride,Hexahydro-4-methylphthalic anhydride,Hexahydro-1-methylphthalic anhydride,Hexahydro-3-methylphthalic anhydride	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	0.01	ND	ND
95	Methoxy acetic acid	625-45-6	0.01	ND	ND
96	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	0.01	ND	ND
97	Diisopentylphthalate (DIPP)	605-50-5	0.01	ND	ND
98	N-pentyl-isopentylphthalate	776297-69-9	0.01	ND	ND
99	1,2-Diethoxyethane	629-14-1	0.01	ND	ND
100	N,N-dimethylformamide; dimethyl formamide	68-12-2	0.01	ND	ND
101	Dibutyltin dichloride (DBTC)	683-18-1	0.01	ND	ND
102	Acetic acid, lead salt, basic*	51404-69-4	0.01	ND	ND
103	Basic lead carbonate (trilead bis(carbonate)dihydroxide)*	1319-46-6	0.01	ND	ND
104	Lead oxide sulfate (basic lead sulfate)*	12036-76-9	0.01	ND	ND
105	[Phthalato(2-)]dioxotrilead (dibasic lead phthalate)*	69011-06-9	0.01	ND	ND
106	Dioxobis(stearato)trilead*	12578-12-0	0.01	ND	ND

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

Seq.	Test Item(s)	CAS No.	MDL (%)	1+2+3+4+5+6+7+8+9+10+11	
				Result (mg/kg)	Result (%(w/w))
				Tested Product	Per Article Weight
107	Fatty acids, C16-18, lead salts*	91031-62-8	0.01	ND	ND
108	Lead bis(tetrafluoroborate)*	13814-96-5	0.01	ND	ND
109	Lead cyanamate*	20837-86-9	0.01	ND	ND
110	Lead dinitrate*	10099-74-8	0.01	ND	ND
111	Lead oxide (lead monoxide)*	1317-36-8	0.01	ND	ND
112	Lead tetroxide (orange lead)*	1314-41-6	0.01	ND	ND
113	Lead titanium trioxide*	12060-00-3	0.01	ND	ND
114	Lead Titanium Zirconium Oxide*	12626-81-2	0.01	ND	ND
115	Pentalead tetraoxide sulphate*	12065-90-6	0.01	ND	ND
116	Pyrochlore, antimony lead yellow	8012-00-8	0.01	ND	ND
117	Silicic acid, barium salt, lead-doped*	68784-75-8	0.01	ND	ND
118	Silicic acid, lead salt*	11120-22-2	0.01	ND	ND
119	Sulfurous acid, lead salt, dibasic*	62229-08-7	0.01	ND	ND
120	Tetraethyllead*	78-00-2	0.01	ND	ND
121	Tetralead trioxide sulphate*	12202-17-4	0.01	ND	ND
122	Trilead dioxide phosphonate*	12141-20-7	0.01	ND	ND
123	Furan	110-00-9	0.01	ND	ND
124	Propylene oxide; 1,2-epoxypropane; methyloxirane	75-56-9	0.01	ND	ND
125	Diethyl sulphate	64-67-5	0.01	ND	ND
126	Dimethyl sulphate	77-78-1	0.01	ND	ND
127	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	0.01	ND	ND
128	Dinoseb	88-85-7	0.01	ND	ND
129	4,4'-methylenedi-o-toluidine	838-88-0	0.01	ND	ND

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

Seq.	Test Item(s)	CAS No.	MDL (%)	1+2+3+4+5+6+7+8+9+10+11	
				Result (mg/kg)	Result (%(w/w))
				Tested Product	Per Article Weight
130	4,4'-oxydianiline and its salts	101-80-4	0.01	ND	ND
131	4-Aminoazobenzene	60-09-3	0.01	ND	ND
132	4-methyl-m-phenylenediamine (toluene -2,4 -diamine)	95-80-7	0.01	ND	ND
133	6-methoxy-m-toluidine (p-cresidine)	120-71-8	0.01	ND	ND
134	Biphenyl-4-ylamine	92-67-1	0.01	ND	ND
135	O-aminoazotoluene	97-56-3	0.01	ND	ND
136	O-Toluidine	95-53-4	0.01	ND	ND
137	N-methylacetamide	79-16-3	0.01	ND	ND
138	1-bromopropane(n-propyl bromide)	106-94-5	0.01	ND	ND
139	Cadmium	7440-43-9	0.005	ND	ND
140	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	0.01	ND	ND
141	Pentadecafluorooctanoic acid (PFOA)	335-67-1	0.01	ND	ND
142	Dipentyl phthalate (DPP)	131-18-0	0.005	ND	ND
143	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]	---	0.01	ND	ND
144	Cadmium oxide*	1306-19-0	0.01	ND	ND
145	Cadmium sulphide	1306-23-6	0.01	ND	ND
146	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	0.01	ND	ND
147	Dihexyl phthalate (DHXP)	84-75-3	0.01	ND	ND
148	Imidazolidine-2-thione; (2-imidazoline-2-thiol)	96-45-7	0.01	ND	ND

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

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				Result (mg/kg)	Result (%(w/w))
				Tested Product	Per Article Weight
149	Trixylyl phosphate	25155-23-1	0.01	ND	ND
150	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	0.01	ND	ND
151	Lead di(acetate)*	301-04-2	0.01	ND	ND
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	0.01	ND	ND
153	Sodium perborate; perboric acid, sodium salt	-	0.01	ND	ND
154	Sodium peroxometaborate	7632-04-4	0.01	ND	ND
155	Cadmium chloride	10108-64-2	0.01	ND	ND
156	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	0.01	ND	ND
157	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	0.01	ND	ND
158	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	0.01	ND	ND
159	reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	-	0.01	ND	ND
160	Cadmium fluoride	7790-79-6	0.01	ND	ND
161	Cadmium sulphate	10124-36-4,3 1119-53-6	0.01	ND	ND
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	0.01	ND	ND
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]	-	0.01	ND	ND

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

Seq.	Test Item(s)	CAS No.	MDL (%)	1+2+3+4+5+6+7+8+9+10+11	
				Result (mg/kg)	Result (%(w/w))
				Tested Product	Per Article Weight
164	1,3-propanesultone	1120-71-4	0.01	ND	ND
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	0.01	ND	ND
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	0.01	ND	ND
167	Nitrobenzene	98-95-3	0.01	ND	ND
168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	0.01	ND	ND
169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	0.01	ND	ND

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

- Remark 1**
- 1) In accordance with Regulation(EC) No. 1907/2006, any producer or importer of articles shall notify ECHA, in accordance with paragraph 4 of Article 7, if a substance meets the criteria in Article 57 and is identified in accordance with Article 59(1), if both the following conditions are met:
    - (a) the substance is present in those articles in quantities totalling over 1 tonne per producer or importer per year;
    - (b) the substance is present in those articles above a concentration of 0,1 % weight by weight (w/w).
  - 2) From 28 October 2008, EU & EEA suppliers of articles which contain substances on the Candidate List in a concentration above 0.1% (w/w) must provide sufficient information, available to them, to their customers and on request to a consumer within 45 days of the receipt of this request. This information must ensure safe use of the article and, as a minimum, include the name of the substance.
- Remark 2**
- 1)\* Calculated concentration of cobalt dichloride, cobalt(II) sulphate, cobalt(II) dinitrate, cobalt(II) carbonate and cobalt(II) diacetate is based on the identified heavy metal and anion result. Calculated concentration of diarsenic pentaoxide, diarsenic trioxide,chromium trioxide,sodium dichromate, dehydrate, lead hydrogen arsenate, triethyl arsenate, lead chromate, sodium chromate, strontium chromate ,potassium chromate, ammonium dichromate,potassium dichromate, lead chromate molybdate sulfate red, lead sulfochromate yellow and acids generated from chromium trioxide and their oligomers, Lead dipicrate, Lead styphnate, Lead azide Lead diazide, Trilead diarsenate , Lead di(acetate), Cadmium oxide, Cadmium chloride, Cadmium sulphide, Cadmium fluoride, Cadmium sulphate, Calcium arsenate, Arsenic acid , Potassium hydroxyoctaoxidizincatedi-chromate, Dichromium tris(chromate), Pentazinc chromate octahydroxide, Lead(II) bis(methanesulfonate), Diboron trioxide,Acetic acid, lead salt, basic, Basic lead carbonate (trilead bis(carbonate)dihydroxide), Lead oxide sulfate (basic lead sulfate), [Phthalato(2-)]dioxotrilead (dibasic lead phthalate), Dioxobis(stearato)trilead, Fatty acids, C16-18, lead salts, Lead bis(tetrafluoroborate), Lead cyanamide, Lead dinitrate, Lead oxide (lead monoxide), Lead tetroxide (orange lead), Lead titanium trioxide, Lead Titanium Zirconium Oxide , Pentalead tetraoxide sulphate , Silicic acid, barium salt, lead-doped , Sulfurous acid, lead salt, dibasic, Tetraethyllead, Tetrilead trioxide sulphate, Trilead dioxide phosphonate are based on the identified heavy metal result,boric acid, disodium tetraborate, anhydrous and tetraboron disodium heptaoxide, Sodium peroxometaborate Sodium perborate; perboric acid, sodium salt are based on the identified result of boron and sodium result. The identities of above metal substances present in the article have to be further confirmed;
  - 2)\*\* Concentration of bis(tributyltin)oxide, TBTO is reported as tributyltin, TBT. The result is a screening test of TBTO and can cover TBTO and other salts under current technologies. Further investigation is needed to have the exact amount of TBTO;
  - 3)\*\*\* Calculated concentration of Aluminosilicate, Refractory Ceramic Fibres ;Zirconia Aluminosilicate, Refractory Ceramic Fibres is based on the identified heavy metal result and confirmation by microscope;
  - 4)\*\*\*\*The substance does only fulfil the criteria of REACH Art. 57 (a) if it contains Michler's ketone (EC Number: 202-027-5) or Michler's base (EC Number: 202-959-2) in a concentration  $\geq 0.1\%$  (weight / weight);
  - 5) ND = not detected, less than MDL.
  - 6) The sample was tested in mixture.

\*\*\* END OF THE REPORT \*\*\*