

Test Report

Report No.: CTT2007012067EN

Page 1 of 18

Applicant: FUK WAI INTERNATIONAL

Address: FLAT 11,9/FL METRO CENTER 2,NO.21 LAM HING STREET,KOWLOON BAY,KOWLOON,HONG KONG

Sample Received Date: Jul. 14, 2020

Completed Date: Jul. 18, 2020

Report Date: Jul. 18, 2020

The following merchandise was (were) submitted and identified on behalf of the applicant as:

Sample Name: Printed RPET Polyester
Sample Color: Bone Background with Grey printed
Sample Quantity: 1 Pc
Buyer: Global Design International
Exported to: Europe and Australia
Country of Origin: China
Compositon: 100% Polyester
End Use: To make a zip pouch

Test Result(s): Please refer to next page(s).

Test Requested and Conclusion(s): Please refer to next page(s).

Signed for and on Behalf of CTT:



Hilary He

Technical Manager

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Test Requested and Conclusion(s):

No.	Standard and Requirement	Conclusion(s)
1	Annex XVII items 43 of the REACH Regulation (EC) No 1907/2006 & amended (EC) No. 552/2009 - Azo Dyes	PASS
2	Based on the list published by European Chemicals Agency (ECHA) public consultation, regarding Regulation (EC) No. 1907/2006 concerning the REACH - 209 Substances of Very High Concern (SVHC)	PASS*

Remark:

"PASS*" means that the test results of SVHC of every material in the group are \leq 0.1% weight by weight (w/w)

Test Result(s):

Azo Dyes - Annex XVII items 43 of the REACH Regulation (EC) No 1907/2006 & amended (EC) No. 552/2009

Method: EN ISO 14362-1:2017 & EN ISO 14362-3:2017, analyzed by Gas Chromatography-Mass Spectrometer (GC-MS) or High performance liquid chromatography (HPLC).

NO.	Substances Name	CAS NO.	Limit (mg/kg)	Reporting Limit (mg/kg)	Result (mg/kg)
					001
1	4-Aminodiphenyl	92-67-1	30	5	N.D.
2	Benzidine	92-87-5	30	5	N.D.
3	4-Chloro-o-Toluidine	95-69-2	30	5	N.D.
4	2-Naphthylamine	91-59-8	30	5	N.D.
5	o-Aminoazotoluene	97-56-3	30	5	N.D.
6	5-Nitro-o-toluidine	99-55-8	30	5	N.D.
7	4-chloroaniline	106-47-8	30	5	N.D.
8	4-methoxy-m-phenylenediamine	615-05-4	30	5	N.D.
9	4,4'-Diaminodiphenylmethane	101-77-9	30	5	N.D.
10	3,3'-Dichlorobenzidine	91-94-1	30	5	N.D.
11	3,3'-Dimethoxybenzidine	119-90-4	30	5	N.D.
12	3,3'-Dimethybenzidine	119-93-7	30	5	N.D.
13	4,4'-methylenedi-o-toluidine	838-88-0	30	5	N.D.
14	p-Cresidine	120-71-8	30	5	N.D.
15	4,4'-methylene-bis-(2-chloro-aniline)	101-14-4	30	5	N.D.
16	4,4'-oxydianiline	101-80-4	30	5	N.D.
17	4,4'-Thiodianiline	139-65-1	30	5	N.D.

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Test Report

Report No.: CTT2007012067EN

Page 3 of 18

18	o-Toluidine	95-53-4	30	5	N.D.
19	4-methyl-m-phenylenediamine	95-80-7	30	5	N.D.
20	2,4,5-Trimethylaniline	137-17-7	30	5	N.D.
21	2-Methoxyaniline(o-Anisidine)	90-04-0	30	5	N.D.
22	4-aminoazobenzene	60-09-3	30	5	N.D.
Conclusion					PASS

- NOTE:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (Less than Reporting Limit).
 3. The CAS No. 97-56-3 (No.5) and 99-55-8 (No.6) are further reduced to CAS No.95-53-4 (No.18) and 95-80-7(No.19).
 4. Azo colorants that are able to form 4-aminoazobenzene(No.22), generate under the condition of this method aniline and 1, 4-phenylenediamine, therefore, the method of EN ISO 14362-3:2017 was employed to verify the 4-aminoazobenzene.

Test Material List

Material No.	Sample Description	Location
001	White fabric with yellow/grey printing	Individual

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Test Report

Report No.: CTT2007012067EN

Page 4 of 18

Test Result(s):

Method: In-house method (WI-C0039&WI-C0107) ,analyzed by ICP-OES,GC-MS,UV-Vis,HPLC and UPLC-MS/MS.

Batch	Substance Name	CAS No.	Result (%)
			A
--	209 Substances of Very High Concern (SVHC)	-	N.D.
Conclusion			PASS

- Note:**
- "PASS" means that the test results of SVHC of every material in the group contains less than 0.1% weight by weight (w/w).
 - N.D. = Not Detected (< RL).
 - RL = Reporting Limit.

Material list of test

Group	Material No.	Description	Location
A	001	White fabric with yellow/grey printing	Individual

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Appendix Full list of tested SVHC

Substances List and Reporting Limit

Batch	No.	Substance Name	CAS No.	Equipment(s)	RL (%)
I	1	Alkanes, C10-13, chloro (Short ChainChlorinated Paraffins)	85535-84-8	GC-MS	0.01
I	2	Anthracene	120-12-7	GC-MS	0.005
I	3	Benzyl butyl phthalate (BBP)	85-68-7	GC-MS	0.005
I	4	Bis[2-ethyl(hexyl)phthalate] (DEHP)	117-81-7	GC-MS	0.005
I	5	Bis(tributyltin)oxide (TBTO)△	56-35-9	ICP-OES	0.005
I	6	Cobalt dichloride△	7646-79-9	ICP-OES	0.005
I	7	Diarsenic pentaoxide△	1303-28-2	ICP-OES	0.005
I	8	Diarsenic trioxide△	1327-53-3	ICP-OES	0.005
I	9	Dibutyl phthalate (DBP)	84-74-2	GC-MS	0.005
I	10	4, 4'- Diaminodiphenylmethane	101-77-9	UPLC-MS/MS	0.005
I	11	5-tert-butyl-2,4,6-trinitro-m- xylene (Musk xylene)	81-15-2	GC-MS	0.005
I	12	Hexabromocyclododecane (HBCDD) and diastereoisomers (α-HBCDD, β-HBCDD, γ- HBCDD)	25637-99-4, 3194-55-6 (134237-50-6 134237-51-7 134237-52-8)	GC-MS	0.005
I	13	Lead hydrogen arsenate△	7784-40-9	ICP-OES	0.005
I	14	Sodium dichromate△	7789-12-0, 10588-01-9	ICP-OES/ UV-Vis	0.005
I	15	Triethyl arsenate△	15606-95-8	ICP-OES	0.005
II	16	Anthracene oil	90640-80-5	GC-MS	0.005
II	17	Anthracene oil, anthracene paste, distn. lights	91995-17-4	GC-MS	0.005
II	18	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	GC-MS	0.005
II	19	Anthracene oil, anthracene-low	90640-82-7	GC-MS	0.005
II	20	Anthracene oil, anthracene paste	90640-81-6	GC-MS	0.005
II	21	Coal tar pitch, high temperature	65996-93-2	GC-MS	0.005
II	22	Acrylamide	79-06-1	GC-MS	0.005
II	23	2,4-Dinitrotoluene	121-14-2	GC-MS	0.005

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Batch	No.	Substance Name	CAS No.	Equipment(s)	RL (%)
II	24	Diisobutyl phthalate(DIBP)	84-69-5	GC-MS	0.005
II	25	Lead chromate△	7758-97-6	ICP-OES/ UV-Vis	0.005
II	26	Lead chromate molybdate Sulphate red (C.I. Pigment Red 104) △	12656-85-8	ICP-OES/ UV-Vis	0.005
II	27	Lead sulfochromate yellow (C.I. Pigment Yellow 34) △	1344-37-2	ICP-OES/ UV-Vis	0.005
II	28	Tris(2-chloroethyl) phosphate	115-96-8	GC-MS	0.005
III	29	Trichloroethylene	79-01-6	GC-MS	0.005
III	30	Boric acid△	10043-35-3/ 11113-50-1	ICP-OES	0.005
III	31	Disodium tetraborate, anhydrous△	1330-43-4 12179-04-3 1303-96-4	ICP-OES	0.005
III	32	Tetraboron disodium heptaoxide, hydrate△	12267-73-1	ICP-OES	0.005
III	33	Sodium chromate△	7775-11-3	ICP-OES/ UV-Vis	0.005
III	34	Potassium chromate△	7789-00-6	ICP-OES/ UV-Vis	0.005
III	35	Ammonium dichromate△	7789-09-5	ICP-OES/ UV-Vis	0.005
III	36	Potassium dichromate△	7778-50-9	ICP-OES/ UV-Vis	0.005
IV	37	Cobalt(II) sulphate△	10124-43-3	ICP-OES	0.005
IV	38	Cobalt(II) dinitrate△	10141-05-6	ICP-OES	0.005
IV	39	Cobalt(II) carbonate△	513-79-1	ICP-OES	0.005
IV	40	Cobalt(II) diacetate△	71-48-7	ICP-OES	0.005
IV	41	2-Methoxyethanol	109-86-4	GC-MS	0.005
IV	42	2-Ethoxyethanol	110-80-5	GC-MS	0.005
IV	43	Chromium trioxide△	1333-82-0	ICP-OES/ UV-Vis	0.005

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Batch	No.	Substance Name	CAS No.	Equipment(s)	RL (%)
IV	44	Acids generated from chromium trioxide and their oligomers: Chromium acid△ Dichromium acid△ Oligomers of chromic acid and dichromic acid△	-- 7738-94-5 13530-68-2 --	ICP-OES/ UV-Vis	0.005
V	45	2-ethoxyethylacetate	111-15-9	GC-MS	0.005
V	46	1,2-Benzenedicarboxylic acid, di-C7-11 branched and linear alkyl esters (DHNUP)	68515-42-4	GC-MS	0.005
V	47	Hydrazine	7803-57-8, 302-01-2	HPLC	0.005
V	48	1-methyl-2-pyrrolidone	872-50-4	GC-MS	0.005
V	49	1,2,3-trichloropropane	96-18-4	GC-MS	0.005
V	50	1, 2-benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	GC-MS	0.005
V	51	Strontium chromate△	7789-06-2	ICP-OES	0.005
VI	52	Dichromium tris(chromate)△	24613-89-6	ICP-OES	0.005
VI	53	Potassium hydroxyoctaoxodizincatedi-chromate△	11103-86-9	ICP-OES	0.005
VI	54	Pentazinc chromate octahydroxide△	49663-84-5	ICP-OES/ UV-Vis	0.005
VI	55	Aluminosilicate, Refractory Ceramic Fibres (RCF)△	--	ICP-OES	0.005
VI	56	Zirconia Aluminosilicate, Refractory Ceramic Fibres (Zr-RCF)△	--	ICP-OES	0.005
VI	57	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	UPLC-MS/MS	0.005
VI	58	Bis(2-methoxyethyl) phthalate	117-82-8	GC-MS	0.005

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Batch	No.	Substance Name	CAS No.	Equipment(s)	RL (%)
VI	59	2-Methoxyaniline; o-Anisidine	90-04-0	UPLC-MS/MS	0.005
VI	60	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	GC-MS	0.005
VI	61	1,2-Dichloroethane	107-06-2	GC-MS	0.005
VI	62	Bis(2-methoxyethyl) ether	111-96-6	GC-MS	0.005
VI	63	Arsenic acid Δ	7778-39-4	ICP-OES	0.005
VI	64	Calcium arsenate Δ	7778-44-1	ICP-OES	0.005
VI	65	Trilead diarsenate Δ	3687-31-8	ICP-OES	0.005
VI	66	N,N-dimethylacetamide (DMAC)	127-19-5	GC-MS	0.005
VI	67	2,2'-dichloro-4,4'-methylenedianiline	101-14-4	UPLC-MS/MS	0.005
VI	68	Phenolphthalein	77-09-8	UPLC-MS/MS	0.005
VI	69	Lead azide Lead diazide Δ	13424-46-9	ICP-OES	0.005
VI	70	Lead styphnate Δ	15245-44-0	ICP-OES	0.005
VI	71	Lead dipicrate Δ	6477-64-1	ICP-OES	0.005
VII	72	Methoxyethoxy ethane (TEGDME; triglyme)	112-49-2	GC-MS	0.005
VII	73	1,2-dimethoxyethane; ethylene glycol dimethyl ether(EGDME)	110-71-4	GC-MS	0.005
VII	74	Diboron trioxide Δ	1303-86-2	ICP-OES	0.005
VII	75	Formamide	75-12-7	GC-MS	0.005
VII	76	Lead(II) bis(methanesulfonate) Δ	17570-76-2	ICP-OES	0.005
VII	77	1,3,5-tris (oxiranylmethyl) -1,3,5-triazine-2,4,6 (1H,3H,5H)-trione (TGIC)	2451-62-9	GC-MS	0.005
VII	78	1,3,5-tris [(2S and 2R)-2,3-epoxypropyl] -1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β -TGIC)	59653-74-6	GC-MS	0.005
VII	79	4,4'-bis (dimethylamino) benzophenone (Michler's ketone)	90-94-8	GC-MS	0.005
VII	80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	GC-MS	0.005

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VII	81	[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	UPLC-MS/MS	0.005
VII	82	[4-[4,4'-bis(dimethylamino)benzhydrylidene] cyclohexa -2,5-dien-1-ylidene] dimethylammonium chloride(C.I. Basic Violet 3)	548-62-9	UPLC-MS/MS	0.005
VII	83	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	UPLC-MS/MS	0.005
VII	84	α,α -Bis[4-(dimethylamino)phenyl]-4-(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0	UPLC-MS/MS	0.005
VIII	85	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	GC-MS	0.005
VIII	86	Pentacosafuorotridecanoic acid	72629-94-8	UPLC-MS/MS	0.005
VIII	87	Tricosafuorododecanoic acid	307-55-1	UPLC-MS/MS	0.005
VIII	88	Henicosafuoroundecanoic acid	2058-94-8	UPLC-MS/MS	0.005
VIII	89	Heptacosafuorotetradecanoic acid	376-06-7	UPLC-MS/MS	0.005
VIII	90	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	HPLC	0.005
VIII	91	Cyclohexane-1,2-dicarboxylic anhydride [1] cis-cyclohexane-1,2-dicarboxylic anhydride [2] trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	85-42-7, 13149-00-3, 14166-21-3	GC-MS	0.005

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Batch	No.	Substance Name	CAS No.	Equipment(s)	RL (%)
VIII	92	Hexahydromethylphthalic anhydride [1], Hexahydro- 4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	GC-MS	0.005
VIII	93	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	0.005
VIII	94	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well- defined substances and UVCB substances, polymers and homologues]	--	UPLC-MS/MS	0.005
VIII	95	Methoxyacetic acid	625-45-6	UPLC-MS/MS	0.005
VIII	96	N,N-dimethylformamide	68-12-2	GC-MS	0.005
VIII	97	Dibutyltin dichloride (DBTC)	683-18-1	ICP-OES	0.005
VIII	98	Lead monoxide (Lead oxide)△	1317-36-8	ICP-OES	0.005
VIII	99	Orange lead (Lead tetroxide)△	1314-41-6	ICP-OES	0.005
VIII	100	Lead bis(tetrafluoroborate)△	13814-96-5	ICP-OES	0.005
VIII	101	Trilead bis(carbonate) dihydroxide△	1319-46-6	ICP-OES	0.005
VIII	102	Lead titanium trioxide△	12060-00-3	ICP-OES	0.005

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VIII	103	Lead titanium zirconium oxide△	12626-81-2	ICP-OES	0.005
VIII	104	Silicic acid, lead salt△	11120-22-2	ICP-OES	0.005
VIII	105	Silicic acid (H ₂ Si ₂ O ₅), 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 082-001-00-6 in Regulation (EC) No 1272/2008]△	68784-75-8	ICP-OES	0.005
VIII	106	1-bromopropane (n-propyl bromide)	106-94-5	GC-MS	0.005
VIII	107	Methyloxirane (Propylene oxide)	75-56-9	GC-MS	0.005
VIII	108	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	GC-MS	0.005
VIII	109	Diisopentylphthalate (DIPP)	605-50-5	GC-MS	0.005
VIII	110	N-pentyl-isopentylphthalate	776297-69-9	GC-MS	0.005
VIII	111	1,2-diethoxyethane	629-14-1	GC-MS	0.005
VIII	112	Acetic acid, lead salt, basic△	51404-69-4	ICP-OES	0.005
VIII	113	Lead oxide sulfate△	12036-76-9	ICP-OES	0.005
VIII	114	[Phthalato(2-)]dioxotrilead△	69011-06-9	ICP-OES	0.005
VIII	115	Dioxobis(stearato)trilead△	12578-12-0	ICP-OES	0.005
VIII	116	Fatty acids, C16-18, lead salts△	91031-62-8	ICP-OES	0.005
VIII	117	Lead cyanidate△	20837-86-9	ICP-OES	0.005
VIII	118	Lead dinitrate△	10099-74-8	ICP-OES	0.005
VIII	119	Pentalead tetraoxide sulphate△	12065-90-6	ICP-OES	0.005
VIII	120	Pyrochlore, antimony lead yellow△	8012-00-8	ICP-OES	0.005
VIII	121	Sulfurous acid, lead salt, dibasic△	62229-08-7	ICP-OES	0.005
VIII	122	Tetraethyl lead△	78-00-2	ICP-OES	0.005
VIII	123	Tetralead trioxide sulphate△	12202-17-4	ICP-OES	0.005
VIII	124	Trilead dioxide phosphonate△	12141-20-7	ICP-OES	0.005
VIII	125	Furan	110-00-9	GC-MS	0.005

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Batch	No.	Substance Name	CAS No.	Equipment(s)	RL (%)
VIII	126	Diethyl sulphate	64-67-5	GC-MS	0.005
VIII	127	Dimethyl sulphate	77-78-1	GC-MS	0.005
VIII	128	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	GC-MS	0.005
VIII	129	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	UPLC-MS/MS	0.005
VIII	130	4,4'-methylenedi-o-toluidine	838-88-0	UPLC-MS/MS	0.005
VIII	131	4,4'-oxydianiline and its salts	101-80-4	UPLC-MS/MS	0.005
VIII	132	4-aminoazobenzene	60-09-3	UPLC-MS/MS	0.005
VIII	133	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	UPLC-MS/MS	0.005
VIII	134	6-methoxy-m-toluidine (p-cresidine)	120-71-8	UPLC-MS/MS	0.005
VIII	135	Biphenyl-4-ylamine	92-67-1	UPLC-MS/MS	0.005
VIII	136	o-aminoazotoluene [(4-o-tolylazo-o-toluidine)]	97-56-3	UPLC-MS/MS	0.005
VIII	137	o-toluidine	95-53-4	UPLC-MS/MS	0.005
VIII	138	N-methylacetamide	79-16-3	GC-MS	0.005
IX	139	Cadmium	7440-43-9	ICP-OES	0.005
IX	140	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	UPLC-MS/MS	0.005
IX	141	Pentadecafluorooctanoic acid (PFOA)	335-67-1	UPLC-MS/MS	0.005
IX	142	Dipentyl phthalate (DPP)	131-18-0	GC-MS	0.005
IX	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]	--	UPLC-MS/MS	0.005

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Batch	No.	Substance Name	CAS No.	Equipment(s)	RL (%)
IX	144	Cadmium oxide Δ	1306-19-0	ICP-OES	0.005
X	145	Cadmium sulphide Δ	1306-23-6	ICP-OES	0.005
X	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	UPLC-MS/MS	0.005
X	147	Dihexyl phthalate	84-75-3	GC-MS	0.005
X	148	Imidazolidine-2-thione; (2-imidazoline-2-thiol)	96-45-7	UPLC-MS/MS	0.005
X	149	Trixylyl phosphate	25155-23-1	GC-MS	0.005
X	150	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red28)	573-58-0	UPLC-MS/MS	0.005
X	151	Lead di(acetate) Δ	301-04-2	ICP-OES	0.005
XI	152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	GC-MS	0.005
XI	153	Cadmium chloride Δ	10108-64-2	ICP-OES	0.005
XI	154	Sodium perborate Δ ; perboric acid, sodium salt Δ	--	ICP-OES	0.005
XI	155	Sodium peroxometaborate Δ	7632-04-4	ICP-OES	0.005
XII	156	Cadmium fluoride Δ	7790-79-6	ICP-OES	0.005
XII	157	Cadmium sulphate Δ	10124-36-4; 31119-53-6	ICP-OES	0.005
XII	158	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	GC-MS	0.005
XII	159	2-(2H-benzotriazol-2-yl)-4,6-ditertphenylphenol (UV-328)	25973-55-1	GC-MS	0.005
XII	160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	ICP-OES	0.005

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Substances List and Reporting Limit

Batch	No.	Substance Name	CAS No.	Equipment(s)	RL (%)
XII	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)	--	ICP-OES	0.005
XIII	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	68515-51-5 68648-93-1	GC-MS	0.005
XIII	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]	--	UPLC-MS/MS	0.005
XIV	164	1,3-propanesultone	1120-71-4	GC-MS	0.005
XIV	165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	GC-MS	0.005
XIV	166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	GC-MS	0.005
XIV	167	Nitrobenzene	98-95-3	GC-MS	0.005
XIV	168	Perfluorononan-1-oic acid (2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluorononanoic acid and its sodium and ammonium salts)	375-95-1 21049-39-8 4149-60-4	UPLC-MS/MS	0.005
XV	169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	GC-MS	0.005

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Batch	No.	Substance Name	CAS No.	Equipment(s)	RL (%)
XVI	170	4,4'-Isopropylidenediphenol (Bisphenol A)	80-05-7	UPLC-MS/MS	0.005
XVI	171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	3108-42-7; 335-76-2; 3830-45-3	UPLC-MS/MS	0.005
XVI	172	4-Heptylphenol, branched and linear	--	GC-MS	0.005
XVI	173	4-tert-pentylphenol(PTAP)	80-46-6	GC-MS	0.005
XVII	174	Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	--	UPLC-MS/MS	0.005
XVIII	175	Chrysene	218-01-9	GC-MS	0.005
XVIII	176	Benz[a]anthracene	56-55-3	GC-MS	0.005
XVIII	177	Cadmium nitrate Δ	10325-94-7	ICP-OES	0.005
XVIII	178	Cadmium carbonate Δ	513-78-0	ICP-OES	0.005
XVIII	179	Cadmium hydroxide Δ	21041-95-2	ICP-OES	0.005
XVIII	180	Dechlorane plus (including any of its individual anti- and syn-isomers or any combination thereof)	13560-89-9; 135821-74-8; 135821-03-3	GC-MS	0.005
XVIII	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]	--	GC-MS	0.005
XIX	182	Octamethylcyclotetrasiloxane (D4)	556-67-2	GC-MS	0.005
XIX	183	Decamethylcyclopentasiloxane (D5)	541-02-6	GC-MS	0.005
XIX	184	Dodecamethylcyclohexasiloxane (D6)	540-97-6	GC-MS	0.005
XIX	185	Lead	7439-92-1	ICP-OES	0.005
XIX	186	Disodium octaborate Δ	12008-41-2	ICP-OES	0.005
XIX	187	Benzo[ghi]perylene	191-24-2	GC-MS	0.005
XIX	188	Terphenyl hydrogenated	61788-32-7	GC-MS	0.005
XIX	189	Ethylenediamine (EDA)	107-15-3	UPLC-MS/MS	0.005

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Batch	No.	Substance Name	CAS No.	Equipment(s)	RL (%)
XIX	190	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) (TMA)	552-30-7	GC-MS	0.005
XIX	191	Dicyclohexyl phthalate (DCHP)	84-61-7	GC-MS	0.005
XX	192	2,2-bis(4'-hydroxyphenyl)-4-methylp entane	6807-17-6	GC-MS	0.005
XX	193	Benzo(k)fluoranthene	207-08-9	GC-MS	0.005
XX	194	Fluoranthene	206-44-0	GC-MS	0.005
XX	195	Phenanthrene	85-01-8	GC-MS	0.005
XX	196	Pyrene	129-00-0	GC-MS	0.005
XX	197	1,7,7-trimethyl-3-(phenylmethylene) bicyclo[2.2.1]heptan-2-one	15087-24-8	GC-MS	0.005
XXI	198	2-methoxyethyl acetate	110-49-6	GC-MS	0.005
XXI	199	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with \geq 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	--	GC-MS	0.005
XXI	200	2,3,3,3-tetrafluoro-2-(heptafluoropro poxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)	--	UPLC-MS/MS	0.005
XXI	201	4-tert-butylphenol	98-54-4	GC-MS	0.005
XXII	202	2-benzyl-2-dimethylamino-4'-morph olinobutyrophenone	119313-12-1	HPLC	0.005
XXII	203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	HPLC	0.005
XXII	204	Diisohexyl phthalate	71850-09-4	GC-MS	0.005
XXII	205	Perfluorobutane sulfonic acid (PFBS) and its salts	--	UPLC-MS/MS	0.005
XXIII	206	1-vinylimidazole	1072-63-5	HPLC	0.005
XXIII	207	2-methylimidazole	693-98-1	HPLC	0.005
XXIII	208	Butyl4- hydroxybenzoate	94-26-8	GC-MS	0.005

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Test Report

Report No.: CTT2007012067EN

Page 17 of 18

Substances List and Reporting Limit

Batch	No.	Substance Name	CAS No.	Equipment(s)	RL (%)
XXIII	209	Dibutylbis(pentane-2,4-dionato-O,O') tin Δ	22673-19-4	ICP-OES	0.005

Note:

1. RL = Reporting Limit.
2. Δ = Determination was based on elemental analysis. The concentration was calculated based on assumption of worst-case.

Remarks:

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) of the Regulation, namely (a) the substance is present in those article in quantities totaling over one ton per producer or importer per year; and (b) the substance is present in those articles **higher than 0.1%** weight by weight (w/w).
2. Article 33 of Regulation (EC) No. 1907/2006 requires supplier of an article containing a substance meets the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration **higher than 0.1%** weight by weight (w/w) shall provide the recipient of the article with sufficient information, available to the supplier, to allow safe use of the article including, as a minimum, the name of that substance.

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Test Report

Report No.: CTT2007012067EN

Page 18 of 18

Photo of Sample:



End of Report

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