

Test Report

(SVHC)

NO.: H08092042004C

Date: 2013.08.19

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Applicant:

PRINTERMAYIN LIMITED

Address:

ROOM 1106,NO.3389 LONGWU ROAD,MINHANG DISTRICT,SHANGHAI
201108,CHINA

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

Sample Name:

TONER CARTRIDGE

Part Name:

SELENIUM DRUM SHELL、WHITE PLASTIC TERMINAL、TRANSPARENT TAPE、BLACK ISOLATION PAPER、THE WHITE RUBBER COVER、THE SMALL WHITE PLASTIC COVER、THE LABEL PAPER、BLACK PLASTIC、PURPLE LABEL PAPER、THE BIG WHITE PLASTIC COVER、WHITE DOME、WHITE GASKET、GREEN PIPE、WHITE SHELL、BLACK COTTON PROTECTION、CARBON POWDER

Covered Model:

NEXT PAGE FORM

Testing part Description:

Mix Tested

Sample Received Date:

2013.08.09

Testing Period:

2013.08.09 to 2013.08.19

Reference specification:

Very High Concern (SVHC) testing based on the list published by European Chemicals Agency (ECHA) on 28 Oct 2008, 13 Jan 2010, 30 Mar 2010, 18 Jun 2010, 15 Dec 2010, 20 Jun 2011, 19 Dec 2011, 18 Jun 2012, 19 Dec 2012 and 20 Jun 2013 regarding regulation (EC) No 1907/2006 concerning the REACH. Screening tests based on customer requirements.

Test result(s):

Please refer to next page(s)

Summary:

According to the analytical results, concentrations of 144 SVHC substances are less than 0.1 % in the submitted sample.

Approved by:

Zhang Peng

Code: eu1f06

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Q2612A	CE252A	ML-D3050A	MINOLTA 1600W	DELL 1720
CB435A	CE253A	ML-D3050B	TN-350/2000/2025/2050	DELL1230/1235C
CB436A	CB400A	ML1210/5100/4500	TN-360/2120/ 2125/2130	DELL1320
CE278A	CB401A	M1610/2010/SCX4521	TN-420/2210/2010	OKI C3300/3400
CE285A	CB402A	M1710/4100/SCX4216	TN-450/2220	OKI C110/130
CE505A	CB403A	CLT-C406S	TN720/3330	OKI C710/711
CE505X	CF210A	CLT-M406S	TN750/3380	OKI B410
CE255A	CF211A	CLT-Y406S	TN780/3390	OKI B411
CE255X	CF212A	CLT-K407S	DR-520	OKI B431
CF280A	CF213A	CLT-C407S	DR420/450	OKI B4100/4200
CF280X	CC530A	CLT-M407S	DR720/750/780	KX-FA84E
CE390A	CC531A	CLT-Y407S	TN210/230/240BK	KX-FA83E
CE390X	CC532A	CLT-K409S	TN210/230/240C	KX-FA85E
Q5942A	CC533A	CLT-C409S	TN210/230/240M	RICOH SP100
Q5942X	CB540A	CLT-M409S	TN210/230/240Y	RICOH SP1000
Q5949A	CB541A	CLT-Y409S	TN315/325/345/348BK	TK-17
Q5949X	CB542A	CLT-K504	TN310/325/345/348C	TK-18
Q7553A	CB543A	CLT-C504	TN310/325/345/348M	TK-100
Q7553X	Q6000A	CLT-M504	TN310/325/345/348Y	TK-110/111/112/113
C7115A	Q6001A	CLT-Y504	E260/360/460	TK-120/122
C7115X	Q6002A	CLT-K506	E120	TK-130/131/132/133/134
Q2613A	Q6003A	CLT-C506	E210	TK-140/142/144
Q2613X	FX-9/FX-10	CLT-M506	E230/232	TK-137
Q1338A	EP-22	CLT-Y506	X264/363/364	TK-160/161/162/164
Q1339A	EP-26	CLT-K508S	T640	TK-170/171/172/174
Q5942A	EP-W	CLT-C508S	T650	TK-310/312
Q5942X	CRG303/703	CLT-M508S	Xerox 6180	TK-320/322
C8543X	CRG125/725	CLT-Y508S	Xerox 6280	TK-330/332
Q6511A	CRG128/728	CLP-K600A	Xerox 3320	TK-1103-AS
Q6511X	MLT-D117S	CLP-C600A	Xerox 3315	TK-1100-EU
CE310A	MLT-D101	CLP-M600A	Xerox 3325	TK-1102-US
CE311A	MLT-D103S	CLP-Y600A	Xerox 3140	TK-1104-AU
CE312A	MLT-D104S	EPSON M1400	P105B/P205B	TK-1130-EU
CE313A	MLT-D105S	EPSON M2000	CP105B/CP205B	TK-1132-US
CE320A	MLT-D108S	EPSON M2300	CP305D/CM305DF	TK-1133-AS
CE321A	MLT-D109S	EPSON C2800	PE120	TK-1134-AU
CE322A	MLT-D208S	EPSON C3800	PE220	TK-1140-EU
CE323A	MLT-D209S	EPSON C1100	DELL 1100	TK-1142-US
CE250A	MLT-D205S	EPSON C1900/C900	DELL P1500	TK-1143-AS
CE251A	MLT-D305S	MINOLTA 1300W	DELL 1600N	TK-1144-AU

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No.	Substance Name(s)	Reference Method and Equipments	Substance Classification
1	Anthracene	US EPA 3540C:1996 US EPA 8270D:2007 GC-MS	PBT
2	Benzyl butyl phthalate (BBP)	US EPA 8061A:1996 GC-MS	Toxic for reproduction, cat.2
3	Dibutyl phthalate (DBP)	US EPA 8061A:1996 GC-MS	Toxic for reproduction, cat.2
4	Bis(2-ethylhexyl) phthalate (DEHP)	US EPA 8061A:1996 GC-MS	Toxic for reproduction, cat.2
5	HBCDD (α -HBCDD, β -HBCDD, γ -HBCDD)	US EPA 3540C:1996 GC-MS	PBT
6	4,4'-Diaminodiphenylmethane	EN 14362-1:2012 GC-MS	Carcinogen, cat.2
7	Short chain chlorinated paraffins (SCCP)	US EPA 3540C:1996 GC-MS	PBT vPvB
8	Musk xylene	US EPA 3540C:1996 GC-MS	vPvB
9	Triethyl arsenate	US EPA 3052:1996 ICP-OES	Carcinogen, cat.1
10	Bis(tributyltin) oxide (TBTO)	DIN EN ISO 17353:2005 GC-MS	PBT
11	Cobalt dichloride ⁽¹⁾	US EPA 3052:1996 BS EN 14582:2007 ICP-OES/IC	CMR
12	Diarsenic pentaoxide ⁽¹⁾	US EPA 3052:1996 ICP-OES	Carcinogen, cat.1
13	Diarsenic trioxide ⁽¹⁾	US EPA 3052:1996 ICP-OES	Carcinogen, cat.1
14	Sodium dichromate ⁽¹⁾	US EPA 3052:1996 US EPA 3060A:1996 US EPA 9056A:2007 ICP-OES/UV-Vis	Carcinogen, cat.2 Mutagen, cat.2 Toxic for reproduction, cat.2
15	Lead hydrogen arsenate ⁽¹⁾	US EPA 3052:1996 ICP-OES	Carcinogen, cat.1 Toxic for reproduction, cat.1
16	2,4-Dinitrotoluene	Pony-in-house method GC-MS	Carcinogen, cat.2
17	Anthracene oil ⁽²⁾	Pony-in-house method GC-MS	PBT

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18	Anthracene oil, anthracene paste, distn lights ⁽²⁾	Pony-in-house method GC-MS	PBT
19	Anthracene oil, anthracene paste, anthracene fraction ⁽²⁾	Pony-in-house method GC-MS	PBT
20	Anthracene oil, anthracene-low ⁽²⁾	Pony-in-house method GC-MS	PBT
21	Anthracene oil, anthracene paste ⁽²⁾	Pony-in-house method GC-MS	PBT
22	Diisobutyl phthalate (DIBP)	US EPA 8061A:1996 GC-MS	Toxic for reproduction, cat.2
23	Lead chromate ⁽³⁾	US EPA 3052:1996 US EPA 3060A:1996 ICP-OES/UV-Vis	Carcinogen, cat.2 Toxic for reproduction, cat.1
24	Lead chromate molybdate sulphate red (C.I. Pigment Red 104) ⁽³⁾	US EPA 3052:1996 US EPA 3060A:1996 ICP-OES/UV-Vis	Carcinogen, cat.2 Toxic for reproduction, cat.1
25	Lead sulfochromate yellow (C.I. Pigment Yellow 34) ⁽³⁾	US EPA 3052:1996 US EPA 3060A:1996 ICP-OES/UV-Vis	Carcinogen, cat.2 Toxic for reproduction, cat.1
26	Tris(2-chloroethyl) phosphate (TCEP)	Pony-in-house method GC-MS	Toxic for reproduction, cat.2
27	Coal tar pitch, high temperature ⁽²⁾	Pony-in-house method GC-MS	PBT Carcinogen, cat.2
28	Acrylamide	Pony-in-house method HPLC	Carcinogen, cat.2 Mutagen, cat.2
29	Trichloroethylene	Pony-in-house method GC-MS	Carcinogen, cat.2
30	Boric acid ⁽¹⁾	Pony-in-house method ICP-OES	Toxic for reproduction, cat.2
31	Disodium tetraborate, anhydrous ⁽¹⁾	Pony-in-house method ICP-OES	Toxic for reproduction, cat.2
32	Tetraboron disodium heptaoxide, hydrate ⁽¹⁾	Pony-in-house method ICP-OES	Toxic for reproduction, cat.2
33	Sodium chromate ⁽¹⁾	Pony-in-house method UV-Vis	Carcinogen, cat.2 Mutagen, cat.2 Toxic for reproduction, cat.2
34	Potassium chromate ⁽¹⁾	Pony-in-house method UV-Vis	Carcinogen, cat.2 Mutagen, cat.2

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35	Potassium dichromate ⁽¹⁾	Pony-in-house method UV-Vis	Carcinogen, cat.2 Mutagen, cat.2 Toxic for reproduction, cat.2
36	Ammonium dichromate ⁽¹⁾	Pony-in-house method UV-Vis	Carcinogen, cat.2 Mutagen, cat.2 Toxic for reproduction, cat.2
37	Cobalt(II) sulfate ⁽¹⁾	Pony-in-house method ICP-OES	Carcinogen, cat.2 Mutagen, cat.3 Toxic for reproduction, cat.2
38	Cobalt(II) dinitrate ⁽¹⁾	Pony-in-house method ICP-OES	Carcinogen, cat.2 Mutagen, cat.3 Toxic for reproduction, cat.2 CMR
39	Cobalt(II) carbonate ⁽¹⁾	Pony-in-house method ICP-OES	CMR
40	Cobalt(II) diacetate ⁽¹⁾	Pony-in-house method ICP-OES	CMR
41	2-Methoxyethanol	Pony-in-house method GC	CMR
42	2-Ethoxyethanol	Pony-in-house method GC	CMR
43	Chromium trioxide ⁽¹⁾	Pony-in-house method UV-Vis	CMR1,2
44	Chromium hemitrioxide and acid from it's oligomer ⁽¹⁾	Chromic acid	Pony-in-house method UV-Vis CMR
		Dichromic acid	Pony-in-house method UV-Vis CMR
		Oligomers of chromic acid and dichromic acid	Pony-in-house method UV-Vis CMR2
45	2-Ethoxyethyl acetate	Pony-in-house method GC	CMR
46	Strontium chromate ⁽¹⁾	US EPA 3052:1996 US EPA 6010C:2007 ICP-OES	CMR
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters ⁽²⁾ (DHNUP)	US EPA 8061A:1996 GC-MS	CMR

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No.	Substance Name(s)	Reference Method and Equipments	Substance Classification
48	Hydrazine	Pony-in-house method UV-Vis	CMR
49	1-Methyl-2-pyrrolidone	US EPA 8270D:2007 GC-MS	CMR
50	1,2,3-Trichloropropane	US EPA 5021:1996 GC	CMR
51	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich ⁽²⁾ (DIHP)	US EPA 8061A:1996 GC-MS	CMR
52	Dichromium tris(chromate) ⁽¹⁾	US EPA 3052:1996 US EPA 6010C:2007 ICP-OES	CMR
53	Potassium hydroxyoctaoxodizincatedi- chromate ⁽¹⁾	US EPA 3052:1996 US EPA 6010C:2007 ICP-OES	CMR
54	Pentazinc chromate octahydroxide ⁽³⁾	US EPA 3052:1996 US EPA 6010C:2007 ICP-OES	CMR
55	Aluminosilicate refractory ceramic fibres (RCF) ⁽³⁾	US EPA 3052:1996 US EPA 6010C:2007 ICP-OES	CMR
56	Zirconia aluminosilicate refractory ceramic fibres (Zr-RCF) ⁽³⁾	US EPA 3052:1996 US EPA 6010C:2007 ICP-OES	CMR
57	Formaldehyde, oligomeric reaction products with aniline ⁽³⁾	Pony-in-house method FTIR	CMR
58	Bis(2-methoxyethyl) phthalate (DMEP)	US EPA 8061A:1996 GC-MS	CMR
59	2-Methoxyaniline	EN 14362-1:2012 GC-MS	CMR
60	4-(1,1,3,3-Tetramethylbutyl) phenol	Pony-in-house method GC-MS	Equivalent concern
61	1,2-Dichloroethane	US EPA 5021:1996 GC	CMR
62	Bis(2-methoxyethyl) ether	US EPA 8270D:2007 GC-MS	CMR
63	Arsenic acid ⁽¹⁾	US EPA 3052:1996 US EPA 6010C:2007 ICP-OES	CMR

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No.	Substance Name(s)	Reference Method and Equipments	Substance Classification
64	Calcium arsenate ⁽¹⁾	US EPA 3052:1996 US EPA 6010C:2007 ICP-OES	CMR
65	Trilead diarsenate ⁽¹⁾	US EPA 3052:1996 US EPA 6010C:2007 ICP-OES	CMR
66	N,N-Dimethylacetamide	US EPA 8270D:2007 GC-MS	CMR
67	Phenolphthalein	Pony-in-house method HPLC	CMR
68	2,2'-Dichloro-4,4'-methylenedianiline (MOCA)	EN 14362-1:2012 GC-MS	CMR
69	Lead diazide ⁽¹⁾	US EPA 3052:1996 US EPA 6010C:2007 ICP-OES	CMR
70	Lead styphnate ⁽¹⁾	US EPA 3052:1996 US EPA 6010C:2007 ICP-OES	CMR
71	Lead dipicrate ⁽¹⁾	US EPA 3052:1996 US EPA 6010C:2007 ICP-OES	CMR
72	1,2-Bis(2-methoxyethoxy) ethane	US EPA 8270D:2007 GC-MS	Toxic for reproduction
73	1,2-Dimethoxyethane ethylene glycol dimethyl ether	US EPA 8270D:2007 GC-MS	Toxic for reproduction
74	Diboron trioxide ⁽¹⁾	US EPA 3052:1996 US EPA 6010C:2007 ICP-OES	Toxic for reproduction
75	Formamide	US EPA 8270D:2007 GC-MS	Toxic for reproduction
76	Lead(II) bis(methanesulfonate) ⁽¹⁾	US EPA 3052:1996 AAS	Toxic for reproduction
77	1,3,5-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (TGIC)	Pony-in-house method GC-MS	Mutagen
78	1,3,5-Tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione ⁽⁴⁾	US EPA 8270D:2007 GC-MS	Mutagen
79	4,4'-Bis(dimethylamino) benzophenone (Michler's ketone)	US EPA 8270D:2007 GC-MS	Carcinogen
80	N,N,N',N'-Tetramethyl-4,4'-methylenedianiline (Michler's base)	US EPA 8270D:2007 GC-MS	Carcinogen

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81	[4-[4,4'-Bis(dimethylamino) benzhydrylidene] cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Violet 3)	Pony-in-house method HPLC	Carcinogen
82	[4-[[4-Anilino-1-naphthyl] [4-(dimethylamino) phenyl] methylene] cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)	Pony-in-house method HPLC	Carcinogen
83	α,α -Bis[4-(dimethylamino) phenyl]-4(phenylamino) naphthalene-1-methanol (C.I. Solvent Blue 4)	Pony-in-house method HPLC	Carcinogen
84	4,4'-Bis(dimethylamino)-4''-(methylamino) trityl alcohol	Pony-in-house method HPLC	Carcinogen
85	Bis(pentabromophenyl) ether (DecaBDE)	IEC 62321:2008 GC-MS	PBT vPvB
86	Pentacosafuorotridecanoic acid	US EPA 3550C:2007 LC-MS/MS	vPvB
87	Tricosafuorododecanoic acid	US EPA 3550C:2007 LC-MS/MS	vPvB
88	Henicosafuoroundecanoic acid	US EPA 3550C:2007 LC-MS/MS	vPvB
89	Heptacosafuorotetradecanoic acid	US EPA 3550C:2007 LC-MS/MS	vPvB
90	4-(1,1,3,3-Tetramethylbutyl)phenol, ethoxylated-covering well-defined substances and UVCB substances, polymers and homologues ⁽²⁾	US EPA 3550C:2007 HPLC	Equivalent concern
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 ⁽²⁾	US EPA 3550C:2007 HPLC	Equivalent concern

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92	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	US EPA 3550C:2007 HPLC	Equivalent concern
93	Cyclohexane-1,2-dicarboxylic Anhydride, cis-cyclohexane -1,2-dicarboxylic anhydride, trans-cyclohexane-1,2-dicarboxylic anhydride	US EPA 3540C:1996 GC-MS	Equivalent concern
94	Hexahydromethylphthalicanhydride Hexahydro-4-methylphthalicanhydride Hexahydro-1-methylphthalicanhydride Hexahydro-3-methylphthalicanhydride	US EPA 3540C:1996 GC-MS	Equivalent concern
95	Methoxy acetic acid	US EPA 3550C:2007 GC-MS	Toxic for reproduction Equivalent concern
96	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	US EPA 8061A:1996 GC-MS	Toxic for reproduction
97	Diisopentylphthalate (DIPP)	US EPA 8061A:1996 GC-MS	Toxic for reproduction
98	N-pentyl-isopentylphtalate	US EPA 8061A:1996 GC-MS	Toxic for reproduction
99	1,2-Diethoxyethane	US EPA 8270D:2007 GC-MS	Toxic for reproduction
100	N,N-dimethylformamide	US EPA 3550C:2007 GC-MS	Toxic for reproduction
101	Dibutyltin dichloride (DBT)	ISO 17353:2005 GC-MS	Toxic for reproduction
102	Acetic acid, lead salt, basic ⁽¹⁾	US EPA 3052:1996 US EPA 6010C:2007 ICP-OES	Toxic for reproduction
103	Basic lead carbonate (Trilead bis(carbonate)dihydroxide) ⁽¹⁾	US EPA 3052:1996 US EPA 6010C:2007 ICP-OES	Toxic for reproduction
104	Lead oxide sulfate (Basic lead sulfate) ⁽¹⁾	US EPA 3052:1996 US EPA 6010C:2007 ICP-OES	Toxic for reproduction
105	[Phthalato(2-)] dioxotrilead	US EPA 3550C:2007 GC-MS	Toxic for reproduction
106	Dioxobis(stearato) trilead	US EPA 3550C:2007 GC-MS	Toxic for reproduction

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107	Fatty acids, C16-18, lead salts C16-18	US EPA 3550C:2007 GC-MS	Toxic for reproduction
108	Lead bis(tetrafluoroborate) ⁽¹⁾	US EPA 3052:1996 US EPA 6010C:2007 ICP-OES	Toxic for reproduction
109	Lead cyanamide ⁽¹⁾	US EPA 3052:1996 US EPA 6010C:2007 ICP-OES	Toxic for reproduction
110	Lead dinitrate ⁽¹⁾	US EPA 3052:1996 US EPA 6010C:2007 ICP-OES	Toxic for reproduction
111	Lead oxide (Lead monoxide) ⁽¹⁾	US EPA 3052:1996 US EPA 6010C:2007 ICP-OES	Toxic for reproduction
112	Lead tetroxide (Orange lead) ⁽¹⁾	US EPA 3052:1996 US EPA 6010C:2007 ICP-OES	Toxic for reproduction
113	Lead titanium trioxide ⁽¹⁾	US EPA 3052:1996 US EPA 6010C:2007 ICP-OES	Toxic for reproduction
114	Lead titanium zirconium oxide ⁽¹⁾	US EPA 3052:1996 US EPA 6010C:2007 ICP-OES	Toxic for reproduction
115	Pentalead tetraoxide sulphate ⁽³⁾	US EPA 3052:1996 US EPA 6010C:2007 ICP-OES	Toxic for reproduction
116	Pyrochlore, antimony lead yellow (C.I. Pigment Yellow 41) ⁽³⁾	US EPA 3052:1996 US EPA 6010C:2007 ICP-OES	Toxic for reproduction
117	Silicic acid, barium salt, lead-doped ⁽³⁾	US EPA 3052:1996 US EPA 6010C:2007 ICP-OES	Toxic for reproduction
118	Silicic acid, lead salt ⁽¹⁾	US EPA 3052:1996 US EPA 6010C:2007 ICP-OES	Toxic for reproduction
119	Sulfurous acid, lead salt, dibasic ⁽¹⁾	US EPA 3052:1996 US EPA 6010C:2007 ICP-OES	Toxic for reproduction
120	Tetraethyllead	US EPA 3550C:2007 GC-MS	Toxic for reproduction

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121	Tetralead trioxide sulphate ⁽¹⁾	US EPA 3052:1996 US EPA 6010C:2007 ICP-OES	Toxic for reproduction
122	Trilead dioxide phosphonate ⁽¹⁾	US EPA 3052:1996 US EPA 6010C:2007 ICP-OES	Toxic for reproduction
123	Furan	US EPA 5021:1996 GC	Carcinogen
124	Propylene oxide; 1,2-epoxypropane;methyloxirane	US EPA 5021:1996 GC	Carcinogen Mutagen
125	Diethyl sulphate	US EPA 3550C:2007 HPLC	Carcinogen Mutagen
126	Dimethyl sulphate	US EPA 3550C:2007 HPLC	Carcinogen
127	3-Ethyl-2-methyl-2-(3-methylbutyl)- 1,3-oxazolidine	US EPA 3550C:2007 GC-MS	Toxic for reproduction
128	Dinoseb	US EPA 3550C:2007 HPLC	Toxic for reproduction
129	4,4'-Methylenedi-o-toluidine	EN 14362:2012 GC-MS	Carcinogen
130	4,4'-Oxydianiline and its salts	EN 14362:2012 GC-MS	Carcinogen Mutagen
131	4-Aminoazobenzene	EN 14362:2012 GC-MS	Carcinogen
132	4-Methyl-m-phenylenediamine (2,4-Toluene-diamine)	EN 14362:2012 GC-MS	Carcinogen
133	6-Methoxy-m-toluidine (p-cresidine)	EN 14362:2012 GC-MS	Carcinogen
134	Biphenyl-4-ylamine	EN 14362:2012 GC-MS	Carcinogen
135	o-Aminoazotoluene	EN 14362:2012 GC-MS	Carcinogen
136	o-Toluidine; 2-Aminotoluene	EN 14362:2012 GC-MS	Carcinogen
137	N-Methylacetamide	US EPA 3550C:2007 GC-MS	Toxic for reproduction
138	1-Bromopropane; n-Propyl bromide	US EPA 5021:1996 GC	Toxic for reproduction

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139	Cadmium	US EPA 3052:1996 ICP-OES	CMR EQC
140	Cadmium oxide ⁽¹⁾	US EPA 3052:1996 ICP-OES	CMR EQC
141	Dipentyl phthalate (DPP)	US EPA 8061A:1996 GC-MS	Toxic for reproduction
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] ⁽²⁾	US EPA 3550C:2007 HPLC	EQC
143	Ammonium pentadecafluorooctanoate (APFO)	US EPA 3550C:2007 LC-MS/MS	Toxic for reproduction PBT
144	Pentadecafluorooctanoic acid (PFOA)	US EPA 3550C:2007 LC-MS/MS	Toxic for reproduction PBT

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Test Report
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Test result (Unit: %)

NO.	SVHC	CAS number	EC number	DL	Test Result
1	Anthracene	120-12-7	204-371-1	0.0005	N.D.
2	Benzyl butyl phthalate (BBP)	85-68-7	201-622-7	0.005	N.D.
3	Dibutyl phthalate (DBP)	84-74-2	201-557-4	0.005	N.D.
4	Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7	204-211-0	0.005	0.0445
5	HBCDD (α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4 3194-55-6 (134237-51-7 134237-50-6 134237-52-8)	247-148-4 221-695-9	0.005	N.D.
6	4,4'-Diaminodiphenylmethane	101-77-9	202-974-4	0.005	N.D.
7	Short chain chlorinated paraffins (SCCP)	85535-84-8	287-476-5	0.01	N.D.
8	Musk xylene	81-15-2	201-329-4	0.005	N.D.
9	Triethyl arsenate	15606-95-8	427-700-2	0.005	N.D.
10	Bis(tributyltin) oxide (TBTO)	56-35-9	200-268-0	0.01	N.D.
11	Cobalt dichloride ⁽¹⁾	7646-79-9	231-589-4	0.01	N.D.
12	Diarsenic pentoxide ⁽¹⁾	1303-28-2	215-116-9	0.01	N.D.
13	Diarsenic trioxide ⁽¹⁾	1327-53-3	215-481-4	0.01	N.D.
14	Sodium dichromate ⁽¹⁾	7789-12-0 10588-01-9	234-190-3	0.01	N.D.
15	Lead hydrogen arsenate ⁽¹⁾	7784-40-9	232-064-2	0.01	N.D.
16	2,4-Dinitrotoluene	121-14-2	204-450-0	0.01	N.D.

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Test result (Unit: %)

NO.	SVHC	CAS number	EC number	DL	Test Result
17	Anthracene oil ⁽²⁾	90640-80-5	292-602-7	0.05	N.D.
18	Anthracene oil, anthracene paste, distn lights ⁽²⁾	91995-17-4	295-278-5	0.05	N.D.
19	Anthracene oil, anthracene paste, anthracene fraction ⁽²⁾	91995-15-2	295-275-9	0.05	N.D.
20	Anthracene oil, anthracene-low ⁽²⁾	90640-82-7	292-604-8	0.05	N.D.
21	Anthracene oil, anthracene paste ⁽²⁾	90640-81-6	292-603-2	0.05	N.D.
22	Diisobutyl phthalate (DIBP)	84-69-5	201-553-2	0.005	N.D.
23	Lead chromate ⁽³⁾	7758-97-6	231-846-0	0.005	N.D.
24	Lead chromate molybdate sulphate red (C.I. Pigment Red 104) ⁽³⁾	12656-85-8	235-759-9	0.005	N.D.
25	Lead sulphochromate yellow (C.I. Pigment Yellow 34) ⁽³⁾	1344-37-2	215-693-7	0.005	N.D.
26	Tris(2-chloroethyl) phosphate (TCEP)	115-96-8	204-118-5	0.005	N.D.
27	Coal tar pitch, high temperature ⁽²⁾	65996-93-2	266-028-2	0.05	N.D.
28	Acrylamide	79-06-1	201-173-7	0.005	N.D.
29	Trichloroethylene	79-01-6	201-167-4	0.01	N.D.
30	Boric acid ⁽¹⁾	10043-35-3 11113-50-1	233-139-2 234-343-4	0.01	N.D.
31	Disodium tetraborate, anhydrous ⁽¹⁾	1330-43-4 12179-04-3 1303-96-4	215-540-4	0.01	N.D.
32	Tetraboron disodium heptaoxide, hydrate ⁽¹⁾	12267-73-1	235-541-3	0.01	N.D.

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Test result (Unit: %)

NO.	SVHC	CAS number	EC number	DL	Test Result	
33	Sodium chromate ⁽¹⁾	7775-11-3	231-889-5	0.01	N.D.	
34	Potassium chromate ⁽¹⁾	7789-00-6	232-140-5	0.01	N.D.	
35	Potassium dichromate ⁽¹⁾	7778-50-9	231-906-6	0.01	N.D.	
36	Ammonium dichromate ⁽¹⁾	7789-09-5	232-143-1	0.01	N.D.	
37	Cobalt(II) sulfate ⁽¹⁾	10124-43-3	233-334-2	0.01	N.D.	
38	Cobalt(II) dinitrate ⁽¹⁾	10141-05-6	233-402-1	0.01	N.D.	
39	Cobalt(II) carbonate ⁽¹⁾	513-79-1	208-169-4	0.01	N.D.	
40	Cobalt(II) diacetate ⁽¹⁾	71-48-7	200-755-8	0.01	N.D.	
41	2-Methoxyethanol	109-86-4	203-713-7	0.01	N.D.	
42	2-Ethoxyethanol	110-80-5	203-804-1	0.01	N.D.	
43	Chromium trioxide ⁽¹⁾	1333-82-0	215-607-8	0.01	N.D.	
44	Chromium hemitrioxide and acid from it's oligomer ⁽¹⁾	Chromic acid	7738-94-5 13530-68-2	231-801-5 236-881-5	0.01	N.D.
		Dichromic acid				
		Oligomers of chromic acid and dichromic acid				
45	2-Ethoxyethyl acetate	111-15-9	203-839-2	0.01	N.D.	
46	Strontium chromate ⁽¹⁾	7789-06-2	232-142-6	0.01	N.D.	

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Test result (Unit: %)

NO.	SVHC	CAS number	EC number	DL	Test Result
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters ⁽²⁾ (DHNU)	68515-42-4	271-084-6	0.01	N.D.
48	Hydrazine	7803-57-8 302-01-2	206-114-9	0.01	N.D.
49	1-Methyl-2-pyrrolidone	872-50-4	212-828-1	0.01	N.D.
50	1,2,3-Trichloropropane	96-18-4	202-486-1	0.01	N.D.
51	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich ⁽²⁾ (DIHP)	71888-89-6	276-158-1	0.01	N.D.
52	Dichromium tris(chromate) ⁽¹⁾	24613-89-6	246-356-2	0.01	N.D.
53	Potassium hydroxyoctaoxodizincatedi-chromate ⁽¹⁾	11103-86-9	234-329-8	0.01	N.D.
54	Pentazinc chromate octahydroxide ⁽³⁾	49663-84-5	256-418-0	0.01	N.D.
55	Aluminosilicate refractory ceramic fibres (RCF) ⁽³⁾	—	—	0.01	N.D.
56	Zirconia aluminosilicate refractory ceramic fibres (Zr-RCF) ⁽³⁾	—	—	0.01	N.D.
57	Formaldehyde, oligomeric reaction products with aniline ⁽³⁾	25214-70-4	500-036-1	0.05	N.D.
58	Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	204-212-6	0.005	N.D.
59	2-Methoxyaniline	90-04-0	201-963-1	0.005	N.D.
60	4-(1,1,3,3-Tetramethylbutyl) phenol	140-66-9	205-426-2	0.005	N.D.
61	1,2-Dichloroethane	107-06-2	203-458-1	0.01	N.D.

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Test result (Unit: %)

NO.	SVHC	CAS number	EC number	DL	Test Result
62	Bis(2-methoxyethyl) ether	111-96-6	203-924-4	0.01	N.D.
63	Arsenic acid ⁽¹⁾	7778-39-4	231-901-9	0.01	N.D.
64	Calcium arsenate ⁽¹⁾	7778-44-1	231-904-5	0.01	N.D.
65	Trilead diarsenate ⁽¹⁾	3687-31-8	222-979-5	0.01	N.D.
66	N,N-Dimethylacetamide	127-19-5	204-826-4	0.005	N.D.
67	Phenolphthalein	77-09-8	201-004-7	0.01	N.D.
68	2,2'-Dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	202-918-9	0.005	N.D.
69	Lead diazide ⁽¹⁾	13424-46-9	236-542-1	0.01	N.D.
70	Lead styphnate ⁽¹⁾	15245-44-0	239-290-0	0.01	N.D.
71	Lead dipicrate ⁽¹⁾	6477-64-1	229-335-2	0.01	N.D.
72	1,2-Bis(2-methoxyethoxy) ethane	112-49-2	203-977-3	0.01	N.D.
73	1,2-Dimethoxyethane ethylene glycol dimethyl ether	110-71-4	203-794-9	0.01	N.D.
74	Diboron trioxide ⁽¹⁾	1303-86-2	215-125-8	0.01	N.D.
75	Formamide	75-12-7	200-842-0	0.01	N.D.
76	Lead(II) bis(methanesulfonate) ⁽¹⁾	17570-76-2	401-750-5	0.01	N.D.
77	1,3,5-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione (TGIC)	2451-62-9	219-514-3	0.01	N.D.

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Test result (Unit: %)

NO.	SVHC	CAS number	EC number	DL	Test Result
78	1,3,5-Tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione ⁽⁴⁾	59653-74-6	423-400-0	0.01	N.D.
79	4,4'-Bis(dimethylamino) benzophenone (Michler's ketone)	90-94-8	202-027-5	0.01	N.D.
80	N,N,N',N'-Tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	202-959-2	0.01	N.D.
81	[4-[4,4'-Bis(dimethylamino) benzhydrylidene] cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Violet 3)	548-62-9	208-953-6	0.01	N.D.
82	[4-[[4-Anilino-1-naphthyl] [4-(dimethylamino) phenyl] methylene] cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)	2580-56-5	219-943-6	0.01	N.D.
83	α,α -Bis[4-(dimethylamino) phenyl]-4(phenylamino) naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0	229-851-8	0.01	N.D.
84	4,4'-Bis(dimethylamino)-4''-(methylamino) trityl alcohol	561-41-1	209-218-2	0.01	N.D.
85	Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5	214-604-9	0.005	0.0361
86	Pentacosafuorotridecanoic acid	72629-94-8	276-745-2	0.005	N.D.
87	Tricosafuorododecanoic acid	307-55-1	206-203-2	0.005	N.D.
88	Henicosafuoroundecanoic acid	2058-94-8	218-165-4	0.005	N.D.
89	Heptacosafuorotetradecanoic acid	376-06-7	206-803-4	0.005	N.D.
90	4-(1,1,3,3-Tetramethylbutyl)phenol, ethoxylated-covering well-defined substances and UVCB substances, polymers and homologues ⁽²⁾	—	—	0.01	N.D.

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Test result (Unit: %)

NO.	SVHC	CAS number	EC number	DL	Test Result
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 ⁽²⁾	—	—	0.01	N.D.
92	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8	0.005	N.D.
93	Cyclohexane-1,2-dicarboxylic Anhydride, cis-cyclohexane -1,2-dicarboxylic anhydride, trans-cyclohexane-1,2-dicarboxylic anhydride	85-42-7 13149-00-3 14166-21-3	201-604-9 236-086-3 238-009-9	0.01	N.D.
94	Hexahydromethylphthalicanhydride Hexahydro-4-methylphthalicanhydride Hexahydro-1-methylphthalicanhydride Hexahydro-3-methylphthalicanhydride	25550-51-0 19438-60-9 48122-14-1 57110-29-9	247-094-1 243-072-0 256-356-4 260-566-1	0.01	N.D.
95	Methoxy acetic acid	625-45-6	210-894-6	0.01	N.D.
96	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2	0.01	N.D.
97	Diisopentylphthalate (DIPP)	605-50-5	210-088-4	0.005	N.D.
98	N-pentyl-isopentylphthalate	776297-69-9	—	0.005	N.D.
99	1,2-Diethoxyethane	629-14-1	211-076-1	0.01	N.D.
100	N,N-dimethylformamide	68-12-2	200-679-5	0.01	N.D.
101	Dibutyltin dichloride (DBT)	683-18-1	211-670-0	0.01	N.D.
102	Acetic acid, lead salt, basic ⁽¹⁾	51404-69-4	257-175-3	0.01	N.D.

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Test result (Unit: %)

NO.	SVHC	CAS number	EC number	DL	Test Result
103	Basic lead carbonate (Trilead bis(carbonate)dihydroxide) ⁽¹⁾	1319-46-6	215-290-6	0.01	N.D.
104	Lead oxide sulfate (Basic lead sulfate) ⁽¹⁾	12036-76-9	234-853-7	0.01	N.D.
105	[Phthalato(2-)] dioxotrilead (dibasic)	69011-06-9	273-688-5	0.01	N.D.
106	Dioxobis(stearato) trilead	12578-12-0	235-702-8	0.01	N.D.
107	Fatty acids, C16-18, lead salts C16-18	91031-62-8	292-966-7	0.01	N.D.
108	Lead bis(tetrafluoroborate) ⁽¹⁾	13814-96-5	237-486-0	0.01	N.D.
109	Lead cyanamidate ⁽¹⁾	20837-86-9	244-073-9	0.01	N.D.
110	Lead dinitrate ⁽¹⁾	10099-74-8	233-245-9	0.01	N.D.
111	Lead oxide (Lead monoxide) ⁽¹⁾	1317-36-8	215-267-0	0.01	N.D.
112	Lead tetroxide (Orange lead) ⁽¹⁾	1314-41-6	215-235-6	0.01	N.D.
113	Lead titanium trioxide ⁽¹⁾	12060-00-3	235-038-9	0.01	N.D.
114	Lead titanium zirconium oxide ⁽¹⁾	12626-81-2	235-727-4	0.01	N.D.
115	Pentalead tetraoxide sulphate ⁽³⁾	12065-90-6	235-067-7	0.01	N.D.
116	Pyrochlore, antimony lead yellow (C.I. Pigment Yellow 41) ⁽³⁾	8012-00-8	232-382-1	0.01	N.D.
117	Silicic acid, barium salt, lead-doped ⁽³⁾	68784-75-8	272-271-5	0.01	N.D.
118	Silicic acid, lead salt ⁽¹⁾	11120-22-2	234-363-3	0.01	N.D.
119	Sulfurous acid, lead salt, dibasic ⁽¹⁾	62229-08-7	263-467-1	0.01	N.D.

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Test result (Unit: %)

NO.	SVHC	CAS number	EC number	DL	Test Result
120	Tetraethyllead	78-00-2	201-075-4	0.01	N.D.
121	Tetralead trioxide sulphate ⁽¹⁾	12202-17-4	235-380-9	0.01	N.D.
122	Trilead dioxide phosphonate ⁽¹⁾	12141-20-7	235-252-2	0.01	N.D.
123	Furan	110-00-9	203-727-3	0.01	N.D.
124	Propylene oxide; 1,2-epoxypropane;methyloxirane	75-56-9	200-879-2	0.01	N.D.
125	Diethyl sulphate	64-67-5	200-589-6	0.01	N.D.
126	Dimethyl sulphate	77-78-1	201-058-1	0.01	N.D.
127	3-Ethyl-2-methyl-2-(3-methylbutyl)- 1,3-oxazolidine	143860-04-2	421-150-7	0.01	N.D.
128	Dinoseb	88-85-7	201-861-7	0.01	N.D.
129	4,4'-Methylenedi-o-toluidine	838-88-0	212-658-8	0.005	N.D.
130	4,4'-Oxydianiline and its salts	101-80-4	202-977-0	0.005	N.D.
131	4-Aminoazobenzene	60-09-3	200-453-6	0.005	N.D.
132	4-Methyl-m-phenylenediamine (2,4-Toluene-diamine)	95-80-7	202-453-1	0.005	N.D.
133	6-Methoxy-m-toluidine (p-cresidine)	120-71-8	204-419-1	0.005	N.D.
134	Biphenyl-4-ylamine	92-67-1	202-177-1	0.005	N.D.
135	o-Aminoazotoluene	97-56-3	202-591-2	0.005	N.D.
136	o-Toluidine; 2-Aminotoluene	95-53-4	202-429-0	0.005	N.D.

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Test result (Unit: %)

NO.	SVHC	CAS number	EC number	DL	Test Result
137	N-methylacetamide	79-16-3	201-182-6	0.01	N.D.
138	1-Bromopropane; n-propyl bromide	106-94-5	203-445-0	0.01	N.D.
139	Cadmium	7440-43-9	231-152-8	0.005	N.D.
140	Cadmium oxide ⁽¹⁾	1306-19-0	215-146-2	0.005	N.D.
141	Dipentyl phthalate (DPP)	131-18-0	205-017-9	0.005	N.D.
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] ⁽²⁾	—	—	0.01	N.D.
143	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	223-320-4	0.005	N.D.
144	Pentadecafluorooctanoic acid (PFOA)	335-67-1	206-397-9	0.005	N.D.

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Note:

DL = Detection Limit

N.D. = Not Detected (<DL)

0.1 % = 1000 mg/kg = 1000 ppm

mg/kg = ppm

PBT=Persistent, bioaccumulative and toxic; vPvB=very Persistent very Bioaccumulative

- (1) Concentration value of cobalt dichloride is by the conversion from the test results of cobalt (Co) and chlorine (Cl). Concentration value of cobalt(II) sulfate, cobalt(II) dinitrate, cobalt(II) carbonate, cobalt(II) diacetate are by the conversion from the test results of cobalt (Co) and acid. Concentration value of diarsenic pentoxide, diarsenic trioxide, sodium dichromate, lead hydrogen arsenate, boric acid, disodium tetraborate, anhydrous, tetraboron disodium heptaoxide, hydrate, sodium chromate, potassium chromate, potassium dichromate, ammonium dichromate, chromium trioxide, chromium hemitrioxide and acid from it's oligomer, strontium chromate, dichromium tris(chromate), potassium hydroxyoctaoxodizincatedi-chromate, arsenic acid, calcium arsenate, trilead diarsenate, lead diazide, lead styphnate, lead dipicrate, diboron trioxide, lead(II) bis(methanesulfonate), acetic acid, lead salt, basic, basic lead carbonate, lead oxide sulfate, lead bis(tetrafluoroborate), lead cyanamate, lead dinitrate, lead oxide, lead tetroxide, lead titanium trioxide, lead titanium zirconium oxide, silicic acid, lead salt, sulfurous acid, lead salt, dibasic, tetralead trioxide sulphate, trilead dioxide phosphonate and cadmium oxide are by the conversion from the test results of corresponding inorganic elements.
- (2) In view of the substances are established as UVCB substances (substances of unknown or variable composition, complex reaction products or biological materials) consisting of different and variable constituents, the test results are calculated based on the main constituents of the representative compounds for substances.
- (3) When tested substances contain variable compounds, the test results are calculated based on main constituents of the representative compounds for the substances. The test results of the representative compounds are calculated based on the result of specified heavy metal elements.
- (4) TGIC is a mixture and also contains β -TGIC. According to the ECHA's technical dossier the ratio of β -TGIC to TGIC is around 1 to 10. Therefore β -TGIC is issued based on the above-mentioned ratio.

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Remarks:

- (1) The chemical analysis of 144 SVHC is performed by means of currently available analytical Techniques in the list published by ECHA on 28 Oct 2008, 13 Jan 2010, 30 Mar 2010, 18 Jun 2010, 15 Dec 2010, 20 Jun 2011, 19 Dec 2011, 18 Jun 2012, 19 Dec 2012 and 20 Jun 2013 shall :
http://echa.europa.eu/consultations/authorisation/svhc/svhc_cons_en.asp
<http://echa.europa.eu/web/guest/candidate-list-table>
- (2) In accordance with Regulation (EC) No 1907/2006, any producer or importer of articles shall notify ECHA, in accordance with paragraph 4 of Article 7, if a substance meets the criteria in Article 57 and is identified in accordance with Article 59(1) of the Regulation, if (a) the substance is present in those articles in quantities totaling over one tonne per producer or importer per year; and (b) the substance is present in those articles above a concentration of 0.1 % weight by weight (w/w).
- (3) Article 33 of Regulation (EC) No 1907/2006 requires supplier of an article containing a substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration above 0.1 % weight by weight (w/w) shall provide the recipient of the article with sufficient information, available to the supplier, to allow safe use of the article including, as a minimum, the name of that substance.
- (4) The mixing sample test was performed as client's request. Result obtained only gives informality value and does not represent individual sample material.

Photo:



Pony authenticate the photo on original report only

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Test Report (SVHC)

NO.: H08092042004C

Date: 2013.08.19

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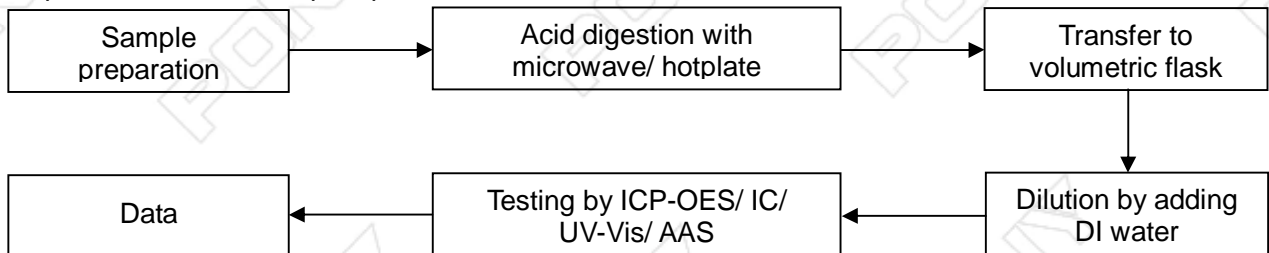
Measurement Flow-chart

Tested by: Jiang Yue

Checked by: Cao Jia

Person in charge of the lab by: Zhang Daiqin

- 1 Determination of triethyl arsenate/ cobalt dichloride/ diarsenic pentaoxide/ diarsenic trioxide/ sodium dichromate/ lead hydrogen arsenate/ lead chromate/ lead chromate molybdate sulphate red/ lead sulfochromate yellow/ boric acid/ disodium tetraborate, anhydrous/ tetraboron disodium heptaoxide, hydrate/ sodium chromate/ potassium chromate/ potassium dichromate/ ammonium dichromate/ cobalt(II) sulfate/ cobalt(II) dinitrate/ cobalt(II) carbonate/ cobalt(II) diacetate/ chromium trioxide/ chromium hemitrioxide and acid from it's oligomer/ strontium chromate/ hydrazine/ dichromium tris(chromate)/ potassium hydroxyoctaoxidizincatedichromate/ pentazinc chromate octahydroxide/ aluminosilicate refractory ceramic fibres/ zirconia aluminosilicate refractory ceramic fibres/ arsenic acid/ calcium arsenate/ trilead diarsenate/ lead diazide/ lead styphnate/ lead dipicrate/ diboron trioxide/ lead(II) bis(methanesulfonate)/ acetic acid, lead salt, basic/ basic lead carbonate/ lead oxide sulfate/ lead bis(tetrafluoroborate)/ lead cyanamide/ lead dinitrate/ lead oxide/ lead tetroxide/ lead titanium trioxide/ lead titanium zirconium oxide/ pentalead tetraoxide sulphate/ pyrochlore, antimony lead yellow/ silicic acid, barium salt, lead-doped/ silicic acid, lead salt/ sulfurous acid, lead salt, dibasic/ tetralead trioxide sulphate/ trilead dioxide phosphonate/ cadmium/ cadmium oxide



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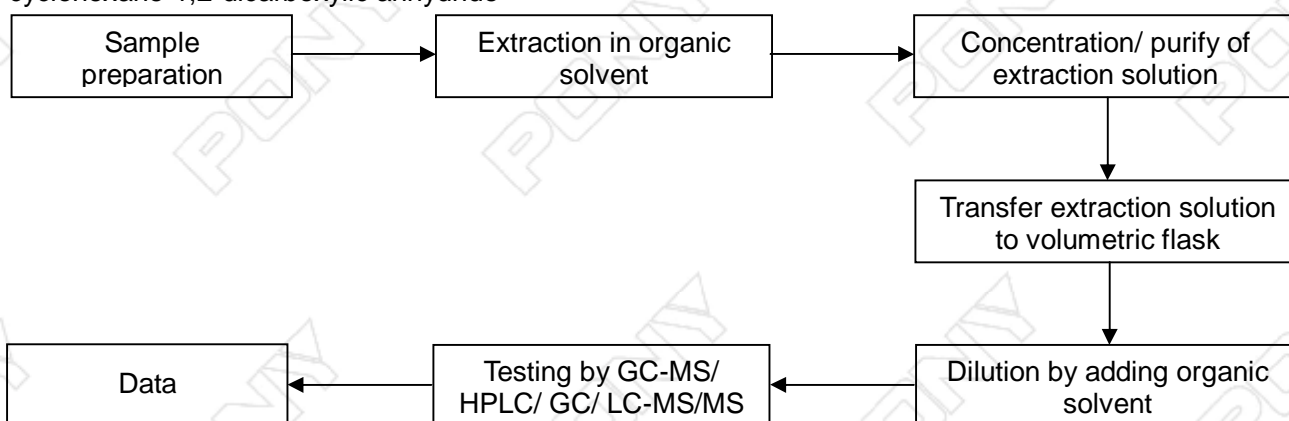
Measurement Flow-chart

Tested by: Jiang Yue

Checked by: Cao Jia

Person in charge of the lab by: Zhang Daiqin

- 2 Determination of anthracene/ benzyl butyl phthalate/ dibutyl phthalate/ bis(2-ethylhexyl) phthalate/ HBCDD/ 4,4'-diaminodiphenylmethane/ short chain chlorinated paraffins/ musk xylene/ bis(tributyltin) oxide/ 2,4-dinitrotoluene/ anthracene oil/ anthracene oil, anthracene paste, distn lights/ anthracene oil, anthracene paste, anthracene fraction/ anthracene oil, anthracene-low/ anthracene oil, anthracene paste / diisobutyl phthalate/ tris(2-chloroethyl) phosphate/ coal tar pitch, high temperature/ acrylamide/ trichloroethylene/ 2-methoxyethanol/ 2-ethoxyethanol/ 2-ethoxyethyl acetate/ 1,2-benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters/ 1-methyl-2-pyrrolidone/ 1,2,3-trichloropropane/ 1,2-benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich/ bis(2-methoxyethyl) phthalate/ 2-methoxyaniline/ 4-(1,1,3,3-tetramethylbutyl) phenol/ 1,2-dichloroethane/ bis(2-methoxyethyl) ether/ N,N-dimethylacetamide/ phenolphthalein/ 2,2'-dichloro-4,4'-methylenedianiline/ 1,2-bis(2-methoxyethoxy) ethane/ 1,2-dimethoxyethane ethylene glycol dimethyl ether/ formamide/ 1,3,5-tris(oxiranylmethyl) -1,3,5-triazine-2,4,6-(1H,3H,5H)-trione/ 1,3,5-tris[(2S and 2R)-2,3- epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione/ 4,4'-bis(dimethylamino) benzophenone/ N,N,N',N'-tetramethyl-4,4'-methylenedianiline/ [4-[4,4'-bis(dimethylamino) benzhydrylidene] cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride/ [4-[[4-anilino-1-naphthyl] [4-(dimethylamino) phenyl] methylene] cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride/ α,α -bis[4-(dimethylamino) phenyl]-4(phenylamino) naphthalene-1-methanol/ 4,4'-bis(dimethylamino)-4''-(methylamino) trityl alcohol/ bis(pentabromophenyl) ether/ pentacosafuorotridecanoic acid/ tricosafuorododecanoic acid/ hencosafuoroundecanoic acid/ heptacosafuorotetradecanoic acid/ 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated-/ 4-nonylphenol, branched and linear -substances/ diazene-1,2-dicarboxamide/ cyclohexane-1,2-dicarboxylic, anhydride, cis-cyclohexane -1,2-dicarboxylic anhydride, trans-cyclohexane-1,2-dicarboxylic anhydride



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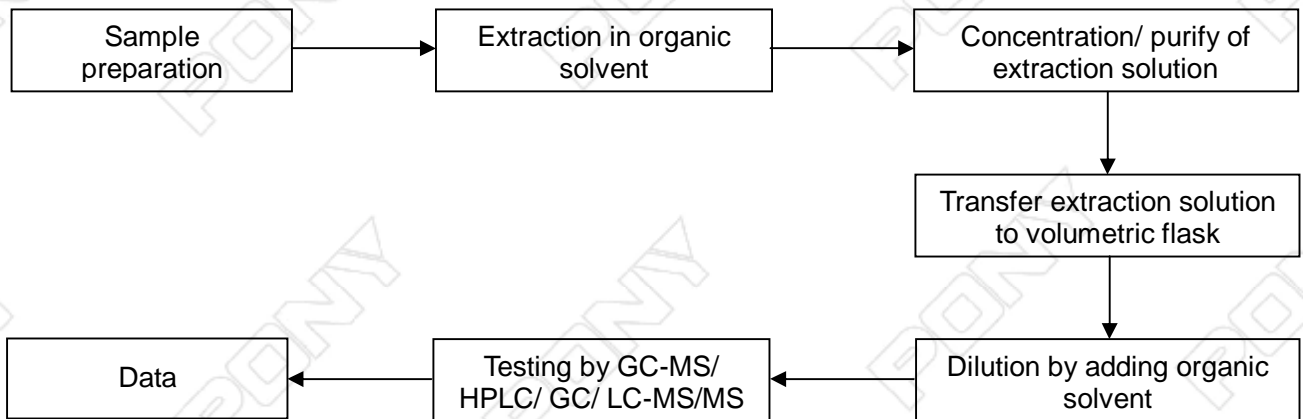
Measurement Flow-chart

Tested by: Jiang Yue

Checked by: Cao Jia

Person in charge of the lab by: Zhang Daiqin

- 3 Determination of hexahydromethylphthalicanhydride, hexahydro-4- methylphthalicanhydride, hexahydro-1-methylphthalicanhydride, hexahydro-3-methylphthalicanhydride/ methoxy acetic acid/ 1,2-benzenedicarboxylic acid, dipentylester, branched and linear/ diisopentylphthalate/ n-pentyl -isopentylphthalate/ 1,2-diethoxyethane/ N,N-dimethylformamide/ dibutyltin dichloride/ [phthalato(2-)] dioxotrilead/ dioxobis(stearato) trilead/ fatty acids, C16-18, lead salts C16-18/ tetraethyllead/ furan/ propylene oxide; 1,2-epoxypropane;methyloxirane/ diethyl sulphate/ dimethyl sulphate/ 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine/ dinoseb/ 4,4'-methylenedi-o-toluidine/ 4,4'-oxydianiline and its salts/ 4-aminoazobenzene/ 4-methyl-m- phenylenediamine/ 6-methoxy-m- toluidine/ biphenyl-4-ylamine/ o-aminoazotoluene/ o-toluidine/ N-methylacetamide/ 1-bromopropane/dipentyl phthalate/ 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]/ ammonium pentadecafluorooctanoate,/ pentadecafluorooctanoic acid



End of Report