Test Report

NO.：BOCI9KKR70012704 Issued Date：2020-02-18 Page 1 of 6

Applicant： Jiangsu Roda Electron Material Co.,Ltd.

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

Sample Name： FR-4 CCL

Sample Model： RD140

Sample Received Date： 2020-02-13

Test Period： 2020-02-13~2020-02-18

Test Requested： RoHS Directive 2011/65/EU & (EU)2015/863 Annex Ⅱ

Test Methods：

(1) IEC 62321-5 Edition 1.0:2013 method, Lead analysis is performed by AAS

(2) IEC 62321-5 Edition 1.0:2013 method, Cadmium analysis is performed by AAS

(3) IEC 62321-4:2013+AMD1:2017 CSV method, Mercury analysis is performed by ICP-OES

(4) IEC62321-7-2 Edition 1.0:2017 method, Hexavalent Chromium analysis is performed by UV-Vis

(5) IEC 62321-6 Edition 1.0:2015 method, PBBs and PBDEs analysis is performed by GC-MS

(6) IEC 62321-8 Edition 1.0:2017 method, Phthalate analysis is performed by GC-MS

Testing Results： Please refer to next page(s)

Approved by:

PONY TESTING INTERNATIONAL GROUP SHANGHAI CO.,LTD. 谱尼测试集团上海有限公司 PONY 检验检测专用章

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Test Results (Unit：mg/kg)

Test Sample Description：Yellow

Sample Number and Name：R70012704 FR-4 CCL

Test Item	MDL	Test Result	RoHS Limit
Lead (Pb)	1	N.D.	1000
Cadmium (Cd)	1	N.D.	100
Mercury (Hg)	1	N.D.	1000
Hexavalent Chromium (Cr^{6+})	8	N.D.	1000
Sum of PBBs	—	N.D.	1000
Bromobiphenyl	5	N.D.	—
Dibromobiphenyl	5	N.D.	—
Tribromobiphenyl	5	N.D.	—
Tetrabromobiphenyl	5	N.D.	—
Pentabromobiphenyl	5	N.D.	—
Hexabromobiphenyl	5	N.D.	—
Heptabromobiphenyl	5	N.D.	—
Octabromobiphenyl	5	N.D.	—
Nonabromobiphenyl	5	N.D.	—
Decabromobiphenyl	5	N.D.	—
Sum of PBDEs	—	N.D.	1000
Bromodiphenyl ether	5	N.D.	—
Dibromodiphenyl ether	5	N.D.	—
Tribromodiphenyl ether	5	N.D.	—
Tetrabromodiphenyl ether	5	N.D.	—
Pentabromodiphenyl ether	5	N.D.	—
Hexabromodiphenyl ether	5	N.D.	—
Heptabromodiphenyl ether	5	N.D.	—
Octabromodiphenyl ether	5	N.D.	—
Nonabromodiphenyl ether	5	N.D.	—
Decabromodiphenyl ether	5	N.D.	—

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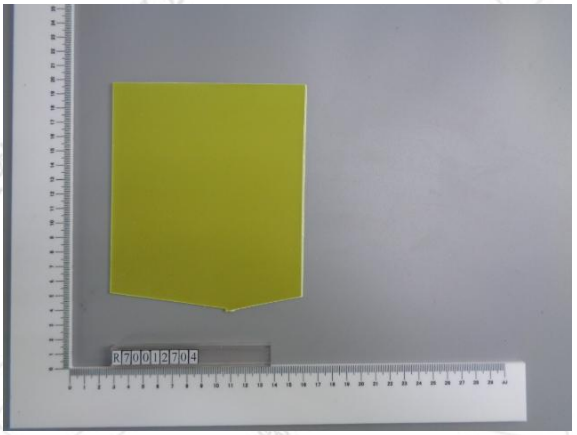
Test Results (Unit：mg/kg)

Test Item	CAS Number	MDL	Test Result	RoHS Limit
DEHP	117-81-7	30	N.D.	1000
DBP	84-74-2	30	N.D.	1000
BBP	85-68-7	30	N.D.	1000
DIBP	84-69-5	30	N.D.	1000

Note： (1) mg/kg = ppm
(2) "—" = Does not stipulate
(3) N.D. = Not Detected (＜MDL)
(4) MDL = Method Detection Limit
(5) The most allowable limit value reference to RoHS Directive 2011/65/EU & (EU)2015/863 Annex Ⅱ

Sample No. &Photo：



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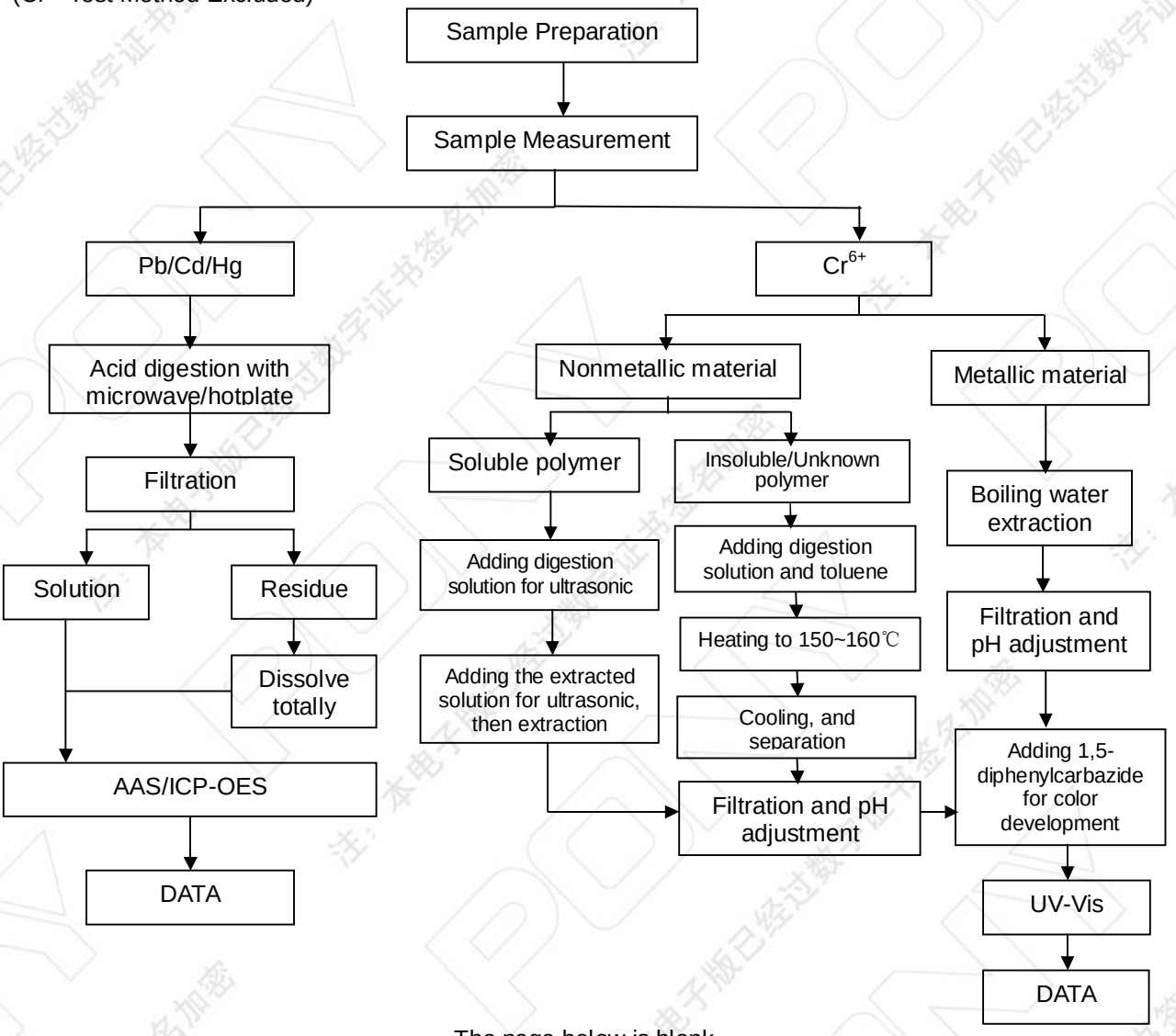
Measurement Flow-chart

Tested by：Ni Xiaoning
Checked by：Liu Nan
Person in charge of the lab：Cao Jia
These Samples Were Dissolved Totally By Pre-conditioning Method According To Below Flow Chart.
(Cr^{6+} Test Method Excluded)



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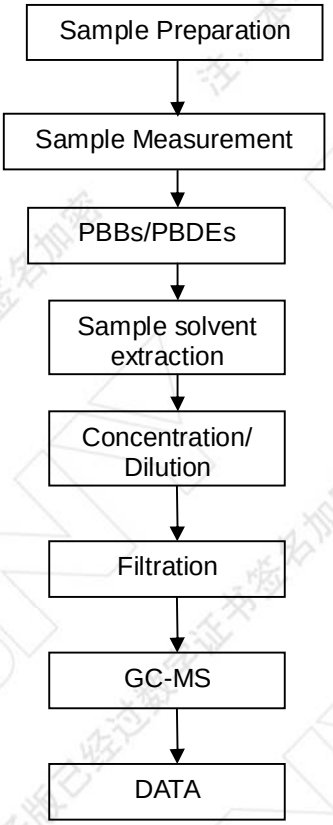
Measurement Flow-chart

Tested by：Zhang Shuo
Checked by：Liu Nan
Person in charge of the lab：Cao Jia



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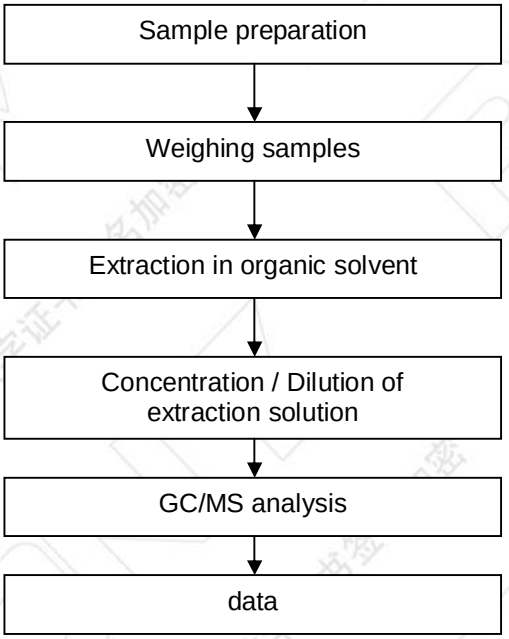
Phthalate Flow Chart

Tested by：Song Wei
Checked by：Liu Nan
Person in charge of the lab：Cao Jia



End of Report

Test Report

NO.：BOCWJKRR69504604 Issued Date：2020-02-26 Page 1 of 18

（SVHC）

Applicant： Jiangsu Roda Electron Material Co.,Ltd.

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

Sample Name： FR-4 CCL

Sample Model： RD140

Sample Received Date： 2020-01-19

Testing Period： 2020-01-19~2020-02-26

Reference specification： Very High Concern (SVHC) testing based on the list published by European Chemicals Agency (ECHA) as of 16 Jan. 2020, 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 205 SVHC substances are less than 0.1 % in the submitted sample.

Approved by：

PONY TESTING INTERNATIONAL GROUP SHANGHAI CO.,LTD. 谱尼测试集团上海有限公司 PONY 检验检测专用章

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Test Report NO.：BOCWJKRR69504604 Issued Date：2020-02-26 Page 2 of 18

（SVHC）

Test Sample Description：yellow

Sample Number and Name：R69504604 FR-4 CCL

Item List：

Batch No.	No.	Substance Name(s)	Reference Method and Equipments	Substance Classification	EC No.	CAS No.	DL %
I	1	Triethyl arsenate(1)▲	US EPA 6010D:2018 ICP-OES	Carcinogenic	427-700-2	15606-95-8	0.005
I	2	Sodium dichromate(1)▲	US EPA 6010D:2018 US EPA 3060A:1996 ICP-OES UV-Vis	Carcinogenic Mutagenic Toxic for reproduction	234-190-3	10588-01-9 7789-12-0	0.01
I	3	Lead hydrogen arsenate(1)▲	US EPA 6010D:2018 ICP-OES	Carcinogenic Toxic for reproduction	232-064-2	7784-40-9	0.01
I	4	Hexabromocyclododecane (HBCDD)and all major diastereoisomers identified (α-HBCDD, β-HBCDD, γ-HBCDD)◎	US EPA 8270E:2017 GC-MS	PBT	247-148-4 221-695-9	25637-99-4 3194-55-6 134237-50-6 134237-51-7 134237-52-8	0.005
I	5	Dibutyl phthalate (DBP)◎	US EPA 8061A:1996 GC-MS	Toxic for reproduction Endocrine disrupting properties-human health	201-557-4	84-74-2	0.005
I	6	Diarsenic trioxide(1)▲	US EPA 6010D:2018 ICP-OES	Carcinogenic	215-481-4	1327-53-3	0.01
I	7	Diarsenic pentaoxide(1)▲	US EPA 6010D:2018 ICP-OES	Carcinogenic	215-116-9	1303-28-2	0.01
I	8	Cobalt dichloride(1)▲	US EPA 6010D:2018 BS EN 14582:2016 ICP-OES IC	Carcinogenic Toxic for reproduction	231-589-4	7646-79-9	0.01
I	9	Bis(tributyltin) oxide (TBTO)◎	DIN EN ISO 17353:2005 GC-MS	PBT	200-268-0	56-35-9	0.01
I	10	Bis(2-ethylhexyl)phthalate (DEHP)◎	US EPA 8061A:1996 GC-MS	Toxic for reproduction Endocrine disrupting properties-environment Endocrine disrupting properties-human health	204-211-0	117-81-7	0.005
I	11	Benzyl butyl phthalate (BBP)◎	US EPA 8061A:1996 GC-MS	Toxic for reproduction Endocrine disrupting properties-human health	201-622-7	85-68-7	0.005
I	12	Anthracene◎	AfPS GS 2014:01 PAK GC-MS	PBT	204-371-1	120-12-7	0.0005
I	13	Alkanes, C_{10-13}, chloro (SCCP)◎	US EPA 3540C:1996 GC-MS	PBT vPvB	287-476-5	85535-84-8	0.01
I	14	5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene)◎	US EPA 3550C:2007 GC-MS	vPvB	201-329-4	81-15-2	0.005
I	15	4,4'-Diaminodiphenylmethane (MDA)◎	EN ISO 14362-1:2017 GC-MS	Carcinogenic	202-974-4	101-77-9	0.005

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Item List：

Batch No.	No.	Substance Name(s)	Reference Method and Equipments	Substance Classification	EC No.	CAS No.	DL %
II	16	Tris(2-chloroethyl) phosphate©	US EPA 3550C:2007 GC-MS	Toxic for reproduction	204-118-5	115-96-8	0.005
II	17	Pitch, coal tar, high-temp.(2)©	US EPA 3540C:1996 GC-MS	Carcinogenic PBT vPvB	266-028-2	65996-93-2	0.05
II	18	Lead sulfochromate yellow (C.I. Pigment Yellow 34)(3)▲	US EPA 6010D:2018 US EPA 3060A:1996 ICP-OES UV-Vis	Carcinogenic Toxic for reproduction	215-693-7	1344-37-2	0.005
II	19	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)(3)▲	US EPA 6010D:2018 US EPA 3060A:1996 ICP-OES UV-Vis	Carcinogenic Toxic for reproduction	235-759-9	12656-85-8	0.005
II	20	Lead chromate(3)▲	US EPA 6010D:2018 US EPA 3060A:1996 ICP-OES UV-Vis	Carcinogenic Toxic for reproduction	231-846-0	7758-97-6	0.005
II	21	Diisobutyl phthalate (DIBP)©	US EPA 8061A:1996 GC-MS	Toxic for reproduction Endocrine disrupting properties-human health	201-553-2	84-69-5	0.005
II	22	Anthracene oil, anthracene-low(2)©	US EPA 3540C:1996 GC-MS	Carcinogenic Mutagenic PBT vPvB	292-604-8	90640-82-7	0.05
II	23	Anthracene oil, anthracene paste, distn. lights(2)©	US EPA 3540C:1996 GC-MS	Carcinogenic Mutagenic PBT vPvB	295-278-5	91995-17-4	0.05
II	24	Anthracene oil, anthracene paste, anthracene fraction(2)©	US EPA 3540C:1996 GC-MS	Carcinogenic Mutagenic PBT vPvB	295-275-9	91995-15-2	0.05
II	25	Anthracene oil, anthracene paste(2)©	US EPA 3540C:1996 GC-MS	Carcinogenic Mutagenic PBT vPvB	292-603-2	90640-81-6	0.05
II	26	Anthracene oil(2)©	US EPA 3540C:1996 GC-MS	Carcinogenic PBT vPvB	292-602-7	90640-80-5	0.05
II	27	2,4-dinitrotoluene©	US EPA 3550C:2007 GC-MS	Carcinogenic	204-450-0	121-14-2	0.01
II	28	Acrylamide©	Pony-in-house method HPLC	Carcinogenic Mutagenic	201-173-7	79-06-1	0.005
III	29	Trichloroethylene©	US EPA 5021:1996 HS-GC	Carcinogenic	201-167-4	79-01-6	0.01
III	30	Tetraboron disodium heptaoxide, hydrate(1)▲	Pony-in-house method ICP-OES	Toxic for reproduction	235-541-3	12267-73-1	0.01

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Item List：

Batch No.	No.	Substance Name(s)	Reference Method and Equipments	Substance Classification	EC No.	CAS No.	DL %
III	31	Sodium chromate(1)▲	Pony-in-house method UV-Vis	Carcinogenic Mutagenic Toxic for reproduction	231-889-5	7775-11-3	0.01
III	32	Potassium dichromate(1)▲	Pony-in-house method UV-Vis	Carcinogenic Mutagenic Toxic for reproduction	231-906-6	7778-50-9	0.01
III	33	Potassium chromate(1)▲	Pony-in-house method UV-Vis	Carcinogenic Mutagenic	232-140-5	7789-00-6	0.01
III	34	Disodium tetraborate, anhydrous(1)▲	Pony-in-house method ICP-OES	Toxic for reproduction	215-540-4	12179-04-3 1303-96-4 1330-43-4	0.01
III	35	Boric acid, crude natural(1)▲	Pony-in-house method ICP-OES	Toxic for reproduction	233-139-2 234-343-4	10043-35-3 11113-50-1	0.01
III	36	Ammonium dichromate(1)▲	Pony-in-house method UV-Vis	Carcinogenic Mutagenic Toxic for reproduction	232-143-1	7789-09-5	0.01
IV	37	Cobalt(II) sulphate(1)▲	Pony-in-house method ICP-OES	Carcinogenic Toxic for reproduction	233-334-2	10124-43-3	0.01
IV	38	Cobalt(II) dinitrate(1)▲	Pony-in-house method ICP-OES	Carcinogenic Toxic for reproduction	233-402-1	10141-05-6	0.01
IV	39	Cobalt(II) diacetate(1)▲	Pony-in-house method ICP-OES	Carcinogenic Toxic for reproduction	200-755-8	71-48-7	0.01
IV	40	Cobalt(II) carbonate(1)▲	Pony-in-house method ICP-OES	Carcinogenic Toxic for reproduction	208-169-4	513-79-1	0.01
IV	41	Chromium trioxide(1)▲	Pony-in-house method UV-Vis	Carcinogenic Mutagenic	215-607-8	1333-82-0	0.01
IV	42	Acids generated from chromium trioxide and their oligomers (Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid)(1)▲	Pony-in-house method UV-Vis	Carcinogenic	231-801-5 236-881-5	13530-68-2 7738-94-5	0.01
IV	43	2-methoxyethanol©	US EPA 3550C:2007 GC	Toxic for reproduction	203-713-7	109-86-4	0.01
IV	44	2-ethoxyethanol©	US EPA 3550C:2007 GC	Toxic for reproduction	203-804-1	110-80-5	0.01
V	45	Strontium chromate(1)▲	US EPA 6010D:2018 ICP-OES	Carcinogenic	232-142-6	7789-06-2	0.01
V	46	Hydrazine▲	Pony-in-house method UV-Vis	Carcinogenic	206-114-9	302-01-2 7803-57-8	0.01
V	47	2-ethoxyethyl acetate©	US EPA 3550C:2007 GC	Toxic for reproduction	203-839-2	111-15-9	0.01
V	48	1-methyl-2-pyrrolidone (NMP)©	US EPA 3550C:2007 GC	Toxic for reproduction	212-828-1	872-50-4	0.01

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Item List：

Batch No.	No.	Substance Name(s)	Reference Method and Equipments	Substance Classification	EC No.	CAS No.	DL %
V	49	1,2-benzenedicarboxylic acid, di-C_{7-11}-branched and linear alkyl esters (DHNUP)(2)◎	US EPA 8061A:1996 GC-MS	Toxic for reproduction	271-084-6	68515-42-4	0.01
V	50	1,2-benzenedicarboxylic acid, di-C_{6-8}-branched alkyl esters, C_7-rich (DIHP)(2)◎	US EPA 8061A:1996 GC-MS	Toxic for reproduction	276-158-1	71888-89-6	0.01
V	51	1,2,3-trichloropropane◎	US EPA 5021:1996 HS-GC	Carcinogenic Toxic for reproduction	202-486-1	96-18-4	0.01
VI	52	Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)(3)▲	US EPA 6010D:2018 ICP-OES	Carcinogenic	——	——	0.01
VI	53	Trilead diarsenate(1)▲	US EPA 6010D:2018 ICP-OES	Carcinogenic Toxic for reproduction	222-979-5	3687-31-8	0.01
VI	54	Potassium hydroxyoctaoxodizincatedi chromate(1)▲	US EPA 6010D:2018 ICP-OES	Carcinogenic	234-329-8	11103-86-9	0.01
VI	55	Phenolphthalein◎	Pony-in-house method HPLC	Carcinogenic	201-004-7	77-09-8	0.01
VI	56	Pentazinc chromate octahydroxide(3)▲	US EPA 6010D:2018 ICP-OES	Carcinogenic	256-418-0	49663-84-5	0.01
VI	57	N,N-dimethylacetamide (DMAC)◎	US EPA 3550C:2007 GC	Toxic for reproduction	204-826-4	127-19-5	0.005
VI	58	Lead styphnate(1)▲	US EPA 6010D:2018 ICP-OES	Toxic for reproduction	239-290-0	15245-44-0	0.01
VI	59	Lead dipicrate(1)▲	US EPA 6010D:2018 ICP-OES	Toxic for reproduction	229-335-2	6477-64-1	0.01
VI	60	Lead diazide, Lead azide(1)▲	US EPA 6010D:2018 ICP-OES	Toxic for reproduction	236-542-1	13424-46-9	0.01
VI	61	Formaldehyde, oligomeric reaction products with aniline(2)◎	Pony-in-house method GC-MS	Carcinogenic	500-036-1	25214-70-4	0.05
VI	62	Dichromium tris(chromate)(1)▲	US EPA 6010D:2018 ICP-OES	Carcinogenic	246-356-2	24613-89-6	0.01
VI	63	Calcium arsenate(1)▲	US EPA 6010D:2018 ICP-OES	Carcinogenic	231-904-5	7778-44-1	0.01
VI	64	Bis(2-methoxyethyl) phthalate◎	US EPA 8061A:1996 GC-MS	Toxic for reproduction	204-212-6	117-82-8	0.005
VI	65	Bis(2-methoxyethyl) ether◎	US EPA 3550C:2007 GC	Toxic for reproduction	203-924-4	111-96-6	0.01
VI	66	Arsenic acid(1)▲	US EPA 6010D:2018 ICP-OES	Carcinogenic	231-901-9	7778-39-4	0.01
VI	67	Aluminosilicate Refractory Ceramic Fibres (RCF)(3)▲	US EPA 6010D:2018 ICP-OES	Carcinogenic	——	——	0.01
VI	68	4-(1,1,3,3-tetramethylbutyl) phenol◎	US EPA 3550C:2007 GC-MS	Endocrine disrupting properties-environment	205-426-2	140-66-9	0.005

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Item List：

Batch No.	No.	Substance Name(s)	Reference Method and Equipments	Substance Classification	EC No.	CAS No.	DL %
VI	69	2-methoxyaniline, o-anisidine◎	EN ISO 14362-1:2017 GC-MS	Carcinogenic	201-963-1	90-04-0	0.005
VI	70	2,2'-dichloro-4,4'-methylenedianiline (MOCA)◎	EN ISO 14362-1:2017 GC-MS	Carcinogenic	202-918-9	101-14-4	0.005
VI	71	1,2-dichloroethane◎	US EPA 5021:1996 HS-GC	Carcinogenic	203-458-1	107-06-2	0.01
VII	72	α,α-bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)(5)◎	Pony-in-house method HPLC	Carcinogenic	229-851-8	6786-83-0	0.01
VII	73	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)◎	US EPA 8270E:2017 GC-MS	Carcinogenic	202-959-2	101-61-1	0.01
VII	74	Lead(II) bis(methanesulfonate)(1)▲	US EPA 6010D:2018 ICP-OES	Toxic for reproduction	401-750-5	17570-76-2	0.01
VII	75	Formamide◎	US EPA 3550C:2007 GC	Toxic for reproduction	200-842-0	75-12-7	0.01
VII	76	Diboron trioxide(1)▲	US EPA 6010D:2018 ICP-OES	Toxic for reproduction	215-125-8	1303-86-2	0.01
VII	77	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethyl ammonium chloride (C.I. Basic Blue 26)(5)◎	Pony-in-house method HPLC	Carcinogenic	219-943-6	2580-56-5	0.01
VII	78	[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)(5)◎	Pony-in-house method HPLC	Carcinogenic	208-953-6	548-62-9	0.01
VII	79	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)◎	US EPA 8270E:2017 GC-MS	Carcinogenic	202-027-5	90-94-8	0.01
VII	80	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol(5)◎	Pony-in-house method HPLC	Carcinogenic	209-218-2	561-41-1	0.01
VII	81	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β-TGIC)(4)◎	US EPA 8270E:2017 GC-MS	Mutagenic	423-400-0	59653-74-6	0.01
VII	82	1,3,5-tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)◎	US EPA 8270E:2017 GC-MS	Mutagenic	219-514-3	2451-62-9	0.01
VII	83	1,2-bis(2-methoxyethoxy)ethane (TEGDME)◎	US EPA 3550C:2007 GC	Toxic for reproduction	203-977-3	112-49-2	0.01

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Item List：

Batch No.	No.	Substance Name(s)	Reference Method and Equipments	Substance Classification	EC No.	CAS No.	DL %
VII	84	1, 2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)◎	US EPA 5021:1996 HS-GC	Toxic for reproduction	203-794-9	110-71-4	0.01
VIII	85	Trilead dioxide phosphonate(1)▲	US EPA 6010D:2018 ICP-OES	Toxic for reproduction	235-252-2	12141-20-7	0.01
VIII	86	Trilead bis(carbonate) dihydroxide(1)▲	US EPA 6010D:2018 ICP-OES	Toxic for reproduction	215-290-6	1319-46-6	0.01
VIII	87	Tricosafluorododecanoic acid◎	US EPA 3550C:2007 LC-MS/MS	vPvB	206-203-2	307-55-1	0.005
VIII	88	Tetralead trioxide sulphate(1)▲	US EPA 6010D:2018 ICP-OES	Toxic for reproduction	235-380-9	12202-17-4	0.01
VIII	89	Tetraethyllead(1)▲◎	Pony-In-house method GC-MS ICP-OES	Toxic for reproduction	201-075-4	78-00-2	0.01
VIII	90	Sulfurous acid, lead salt, dibasic(1)▲	US EPA 6010D:2018 ICP-OES	Toxic for reproduction	263-467-1	62229-08-7	0.01
VIII	91	Silicic acid, lead salt(1)▲	US EPA 6010D:2018 ICP-OES	Toxic for reproduction	234-363-3	11120-22-2	0.01
VIII	92	Silicic acid ($H_2Si_2O_5$), barium salt (1:1), lead-doped(3)▲	US EPA 6010D:2018 ICP-OES	Toxic for reproduction	272-271-5	68784-75-8	0.01
VIII	93	Pyrochlore, antimony lead yellow(3)▲	US EPA 6010D:2018 ICP-OES	Toxic for reproduction	232-382-1	8012-00-8	0.01
VIII	94	Pentalead tetraoxide sulphate(3)▲	US EPA 6010D:2018 ICP-OES	Toxic for reproduction	235-067-7	12065-90-6	0.01
VIII	95	Pentacosafluorotridecanoic acid◎	US EPA 3550C:2007 LC-MS/MS	vPvB	276-745-2	72629-94-8	0.005
VIII	96	Orange lead (lead tetroxide)(1)▲	US EPA 6010D:2018 ICP-OES	Toxic for reproduction	215-235-6	1314-41-6	0.01
VIII	97	o-toluidine◎	EN ISO 14362-1:2017 GC-MS	Carcinogenic	202-429-0	95-53-4	0.005
VIII	98	o-aminoazotoluene◎	EN ISO 14362-1:2017 GC-MS	Carcinogenic	202-591-2	97-56-3	0.005
VIII	99	n-pentyl-isopentyl phthalate◎	US EPA 8061A:1996 GC-MS	Toxic for reproduction	933-378-9	776297-69-9	0.005
VIII	100	N-methylacetamide◎	US EPA 3550C:2007 GC	Toxic for reproduction	201-182-6	79-16-3	0.01
VIII	101	N,N-dimethylformamide◎	US EPA 3550C:2007 GC	Toxic for reproduction	200-679-5	68-12-2	0.01
VIII	102	Methyloxirane (Propylene oxide)◎	US EPA 5021:1996 HS-GC	Carcinogenic Mutagenic	200-879-2	75-56-9	0.01
VIII	103	Methoxyacetic acid◎	US EPA 3550C:2007 GC	Toxic for reproduction	210-894-6	625-45-6	0.01
VIII	104	Lead titanium zirconium oxide(1)▲	US EPA 6010D:2018 ICP-OES	Toxic for reproduction	235-727-4	12626-81-2	0.01

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Item List：

Batch No.	No.	Substance Name(s)	Reference Method and Equipments	Substance Classification	EC No.	CAS No.	DL %
VIII	105	Lead titanium trioxide(1)▲	US EPA 6010D:2018 ICP-OES	Toxic for reproduction	235-038-9	12060-00-3	0.01
VIII	106	Lead oxide sulfate(1)▲	US EPA 6010D:2018 ICP-OES	Toxic for reproduction	234-853-7	12036-76-9	0.01
VIII	107	Lead monoxide (lead oxide)(1)▲	US EPA 6010D:2018 ICP-OES	Toxic for reproduction	215-267-0	1317-36-8	0.01
VIII	108	Lead dinitrate(1)▲	US EPA 6010D:2018 ICP-OES	Toxic for reproduction	233-245-9	10099-74-8	0.01
VIII	109	Lead cyanamidate(1)▲	US EPA 6010D:2018 ICP-OES	Toxic for reproduction	244-073-9	20837-86-9	0.01
VIII	110	Lead bis(tetrafluoroborate)(1)▲	US EPA 6010D:2018 ICP-OES	Toxic for reproduction	237-486-0	13814-96-5	0.01
VIII	111	Hexahydromethylphthalic anhydride◎ Hexahydro-4-methylphthalic anhydride◎ Hexahydro-1-methylphthalic anhydride◎ Hexahydro-3-methylphthalic anhydride◎	US EPA 3550C:2007 GC-MS	Respiratory sensitising properties- human health	247-094-1 243-072-0 256-356-4 260-566-1	25550-51-0 19438-60-9 48122-14-1 57110-29-9	0.01
VIII	112	Heptacosafluorotetradecanoic acid◎	US EPA 3550C:2007 LC-MS/MS	vPvB	206-803-4	376-06-7	0.005
VIII	113	Henicosafluoroundecanoic acid◎	US EPA 3550C:2007 LC-MS/MS	vPvB	218-165-4	2058-94-8	0.005
VIII	114	Furan◎	US EPA 5021:1996 HS-GC	Carcinogenic	203-727-3	110-00-9	0.01
VIII	115	Fatty acids, C_{16-18}, lead salts(1)▲◎	Pony-In-house method GC-MS ICP-OES	Toxic for reproduction	292-966-7	91031-62-8	0.01
VIII	116	Dioxobis(stearato) trilead(1)▲◎	Pony-In-house method GC-MS ICP-OES	Toxic for reproduction	235-702-8	12578-12-0	0.01
VIII	117	Dinoseb(6-sec-butyl-2,4-dinitrophenol)◎	US EPA 3550C:2007 HPLC	Toxic for reproduction	201-861-7	88-85-7	0.01
VIII	118	Dimethyl sulphate◎	US EPA 3550C:2007 LC-MS/MS	Carcinogenic	201-058-1	77-78-1	0.01
VIII	119	Diisopentyl phthalate (DIPP)◎	US EPA 8061A:1996 GC-MS	Toxic for reproduction	210-088-4	605-50-5	0.005
VIII	120	Diethyl sulphate◎	US EPA 3550C:2007 LC-MS/MS	Carcinogenic Mutagenic	200-589-6	64-67-5	0.01
VIII	121	Dibutyltin dichloride (DBTC)◎	DIN EN ISO 17353:2005 GC-MS	Toxic for reproduction	211-670-0	683-18-1	0.01
VIII	122	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)◎	US EPA 3550C:2007 HPLC	Respiratory sensitising properties- human health	204-650-8	123-77-3	0.005

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Item List：

Batch No.	No.	Substance Name(s)	Reference Method and Equipments	Substance Classification	EC No.	CAS No.	DL %
VIII	123	Cyclohexane-1,2-dicarboxylic anhydride,all possible combinations of the cis- and trans-isomers (trans-cyclohexane-1,2-dicarboxylic anhydride, Cyclohexane-1,2-dicarboxylic anhydride, cis-cyclohexane-1,2-dicarboxylic anhydride)◎	US EPA 3550C:2007 GC-MS	Respiratory sensitising properties- human health	238-009-9 201-604-9 236-086-3	14166-21-3 85-42-7 13149-00-3	0.01
VIII	124	Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)◎	IEC 62321-6:2015 GC-MS	PBT vPvB	214-604-9	1163-19-5	0.005
VIII	125	Biphenyl-4-ylamine◎	EN ISO 14362-1:2017 GC-MS	Carcinogenic	202-177-1	92-67-1	0.005
VIII	126	Acetic acid, lead salt, basic(1)▲	US EPA 6010D:2018 ICP-OES	Toxic for reproduction	257-175-3	51404-69-4	0.01
VIII	127	[Phthalato(2-)] dioxotrilead(1)▲◎	Pony-In-house method GC-MS ICP-OES	Toxic for reproduction	273-688-5	69011-06-9	0.01
VIII	128	6-methoxy-m-toluidine (p-cresidine)◎	EN ISO 14362-1:2017 GC-MS	Carcinogenic	204-419-1	120-71-8	0.005
VIII	129	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	Endocrine disrupting properties- environment	——	——	0.01
VIII	130	4-methyl-m-phenylenediamine (toluene-2,4-diamine)◎	EN ISO 14362-1:2017 GC-MS	Carcinogenic	202-453-1	95-80-7	0.005
VIII	131	4-aminoazobenzene◎	EN ISO 14362-1:2017 EN ISO 14362-3-2017 GC-MS	Carcinogenic	200-453-6	60-09-3	0.005
VIII	132	4-(1,1,3,3-tetramethylbutyl) phenol, ethoxylated- covering well-defined substances and UVCB substances, polymers and homologues(2)◎	US EPA 3550C:2007 HPLC	Endocrine disrupting properties- environment	——	——	0.01
VIII	133	4,4'-oxydianiline and its salts◎	EN ISO 14362-1:2017 GC-MS	Carcinogenic Mutagenic	202-977-0	101-80-4	0.005
VIII	134	4,4'-methylenedi-o-toluidine◎	EN ISO 14362-1:2017 GC-MS	Carcinogenic	212-658-8	838-88-0	0.005

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Item List：

Batch No.	No.	Substance Name(s)	Reference Method and Equipments	Substance Classification	EC No.	CAS No.	DL %
VIII	135	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine◎	Pony-In-house method HS-GC GC-MS	Toxic for reproduction	421-150-7	143860-04-2	0.01
VIII	136	1-bromopropane (n-propyl bromide)◎	US EPA 5021:1996 HS-GC	Toxic for reproduction	203-445-0	106-94-5	0.01
VIII	137	1,2-diethoxyethane◎	US EPA 3550C:2007 GC	Toxic for reproduction	211-076-1	629-14-1	0.01
VIII	138	1,2-benzenedicarboxylic acid, dipentyl ester, branched and linear◎	US EPA 8061A:1996 GC-MS	Toxic for reproduction	284-032-2	84777-06-0	0.01
IX	139	Pentadecafluorooctanoic acid (PFOA)◎	US EPA 3550C:2007 LC-MS/MS	Toxic for reproduction PBT	206-397-9	335-67-1	0.005
IX	140	Dipentyl phthalate (DPP)◎	US EPA 8061A:1996 GC-MS	Toxic for reproduction	205-017-9	131-18-0	0.005
IX	141	Cadmium oxide(1)▲	US EPA 6010D:2018 ICP-OES	Carcinogenic Specific target organ toxicity after repeated exposure-human health	215-146-2	1306-19-0	0.005
IX	142	Cadmium▲	US EPA 6010D:2018 ICP-OES	Carcinogenic Specific target organ toxicity after repeated exposure-human health	231-152-8	7440-43-9	0.005
IX	143	Ammonium pentadecafluorooctanoate (APFO)◎	US EPA 3550C:2007 LC-MS/MS	Toxic for reproduction PBT	223-320-4	3825-26-1	0.005
IX	144	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	Endocrine disrupting properties-environment	——	——	0.01
X	145	Trixylyl phosphate◎	US EPA 3550C:2007 GC-MS	Toxic for reproduction	246-677-8	25155-23-1	0.05
X	146	Lead di(acetate)(1)▲	US EPA 6010D:2018 ICP-OES	Toxic for reproduction	206-104-4	301-04-2	0.01
X	147	Imidazolidine-2-thione (2-imidazoline-2-thiol)◎	US EPA 3550C:2007 GC-MS	Toxic for reproduction	202-506-9	96-45-7	0.01

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Item List：

Batch No.	No.	Substance Name(s)	Reference Method and Equipments	Substance Classification	EC No.	CAS No.	DL %
X	148	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)◎	Pony-In-house method LC-MS/MS	Carcinogenic	217-710-3	1937-37-7	0.01
X	149	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)◎	Pony-In-house method LC-MS/MS	Carcinogenic	209-358-4	573-58-0	0.01
X	150	Dihexyl phthalate◎	US EPA 8061A:1996 GC-MS	Toxic for reproduction	201-559-5	84-75-3	0.005
X	151	Cadmium sulphide(1)▲	US EPA 6010D:2018 ICP-OES	Carcinogenic Specific target organ toxicity after repeated exposure-human health	215-147-8	1306-23-6	0.005
XI	152	Sodium peroxometaborate(1)▲	US EPA 6010D:2018 ICP-OES	Toxic for reproduction	231-556-4	7632-04-4	0.01
XI	153	Sodium perborate, Perboric acid, sodium salt(1)▲	US EPA 6010D:2018 ICP-OES	Toxic for reproduction	239-172-9 234-390-0	15120-21-5 11138-47-9	0.01
XI	154	Cadmium chloride(1)▲	US EPA 6010D:2018 ICP-OES	Carcinogenic Mutagenic Toxic for reproduction Specific target organ toxicity after repeated exposure-human health	233-296-7	10108-64-2	0.01
XI	155	1,2-benzenedicarboxylic acid, dihexyl ester, branched and linear◎	US EPA 8061A:1996 GC-MS	Toxic for reproduction	271-093-5	68515-50-4	0.005
XII	156	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)(2) (3)▲	US EPA 6010D:2018 ICP-OES	Toxic for reproduction	——	——	0.05
XII	157	Cadmium sulphate(1)▲	US EPA 6010D:2018 ICP-OES	Carcinogenic Mutagenic Toxic for reproduction Specific target organ toxicity after repeated exposure-human health	233-331-6	10124-36-4 31119-53-6	0.01

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Item List：

Batch No.	No.	Substance Name(s)	Reference Method and Equipments	Substance Classification	EC No.	CAS No.	DL %
XII	158	Cadmium fluoride(1)▲	US EPA 6010D:2018 ICP-OES	Carcinogenic Mutagenic Toxic for reproduction Specific target organ toxicity after repeated exposure-human health	232-222-0	7790-79-6	0.01
XII	159	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannate tradecanoate (DOTE)(2)▲	US EPA 6010D:2018 ICP-OES	Toxic for reproduction	239-622-4	15571-58-1	0.05
XII	160	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)◎	US EPA 3540C:1996 GC-MS	PBT vPvB	223-346-6	3846-71-7	0.01
XII	161	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)◎	US EPA 3540C:1996 GC-MS	PBT vPvB	247-384-8	25973-55-1	0.01
XIII	162	5-sec-butyl-2-(2,4-dimethyl cyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethyl cyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2]-covering any of the individual stereoisomers of [1] and [2] or any combination thereof(2)◎	US EPA 3550C:2007 GC-MS	vPvB	——	——	0.01
XIII	163	1,2-benzenedicarboxylic acid, di-C_{6-10}-alkyl esters or mixed decyl and hexyl and octyl diesters，with ≥ 0.3% of dihexyl phthalate(2)◎	US EPA 8061A:1996 GC-MS	Toxic for reproduction	271-094-0 272-013-1	68515-51-5 68648-93-1	0.01
XIV	164	Perfluorononan-1-oic-acid and its sodium and ammonium salts(2)◎	US EPA 3550C:2007 LC-MS/MS	Toxic for reproduction PBT	206-801-3	375-95-1 21049-39-8 4149-60-4	0.005
XIV	165	Nitrobenzene◎	US EPA 8270E:2017 GC-MS	Toxic for reproduction	202-716-0	98-95-3	0.01
XIV	166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)◎	US EPA 3540C:1996 GC-MS	vPvB	253-037-1	36437-37-3	0.01
XIV	167	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)◎	US EPA 3540C:1996 GC-MS	vPvB	223-383-8	3864-99-1	0.01
XIV	168	1,3-propanesultone◎	Pony-In-house method GC-MS	Carcinogenic	214-317-9	1120-71-4	0.01
XV	169	Benzo[def]chrysene (Benzo[a]pyrene)◎	AfPS GS 2014:01 PAK GC-MS	Carcinogenic Mutagenic Toxic for reproduction PBT vPvB	200-028-5	50-32-8	0.005

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Item List：

Batch No.	No.	Substance Name(s)	Reference Method and Equipments	Substance Classification	EC No.	CAS No.	DL %
XVI	170	p-(1,1-dimethylpropyl) phenol©	Pony-in-house method HPLC	Endocrine disrupting properties-environment	201-280-9	80-46-6	0.012
XVI	171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts(2)©	US EPA 3550C:2007 LC-MS/MS	Toxic for reproduction PBT	221-470-5 206-400-3	3108-42-7 335-76-2 3830-45-3	0.005
XVI	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(2)©	Pony-in-house method HPLC	Endocrine disrupting properties-environment	——	——	0.012
XVI	173	4,4'-isopropylidenedi phenol (BPA)©	Pony-in-house method HPLC	Toxic for reproduction Endocrine disrupting properties-environment Endocrine disrupting properties-human health	201-245-8	80-05-7	0.012
XVII	174	Perfluorohexane-1-sulphonic acid and its salts (PFHxS)(2)©	Pony-In-house method LC-MS/MS	vPvB	——	——	0.005
XVIII	175	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP),with ≥0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)(2)©	Pony-in-house method HPLC	Endocrine disrupting properties-environment	——	——	0.04
XVIII	176	Chrysene©	AfPS GS 2014:01 PAK GC-MS	Carcinogenic PBT vPvB	205-923-4	218-01-9	0.005
XVIII	177	Cadmium nitrate(1)▲	US EPA 6010D:2018 ICP-OES	Carcinogenic Mutagenic Specific target organ toxicity after repeated exposure-human health	233-710-6	10325-94-7 10022-68-1	0.01
XVIII	178	Cadmium hydroxide(1)▲	US EPA 6010D:2018 ICP-OES	Carcinogenic Mutagenic Specific target organ toxicity after repeated exposure-human health	244-168-5	21041-95-2	0.01
XVIII	179	Cadmium carbonate(1)▲	US EPA 6010D:2018 ICP-OES	Carcinogenic Mutagenic Specific target organ toxicity after repeated exposure-human health	208-168-9	513-78-0	0.01

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Item List：

Batch No.	No.	Substance Name(s)	Reference Method and Equipments	Substance Classification	EC No.	CAS No.	DL %
XVIII	180	Benz[a]anthracene◎	AfPS GS 2014:01 PAK GC-MS	Carcinogenic PBT vPvB	200-280-6	56-55-3	0.005
XVIII	181	Dechlorane plus (including any of its individual anti- and syn-isomers or any combination)◎	Pony-in-house method HPLC	vPvB	236-948-9	13560-89-9	0.004
XIX	182	Terphenyl, hydrogenated◎	Pony-In-house method GC-MS	vPvB	262-967-7	61788-32-7	0.01
XIX	183	Octamethylcyclotetrasiloxane (D4)◎	Pony-In-house method GC-MS	PBT vPvB	209-136-7	556-67-2	0.01
XIX	184	Lead▲	US EPA 6010D:2018 ICP-OES	Toxic for reproduction	231-100-4	7439-92-1	0.01
XIX	185	Ethylenediamine (EDA)◎	Pony-In-house method GC	Respiratory sensitising properties- human health	203-468-6	107-15-3	0.01
XIX	186	Dodecamethylcyclohexasiloxane (D6)◎	Pony-In-house method GC-MS	PBT vPvB	208-762-8	540-97-6	0.01
XIX	187	Disodium octaborate(1)▲	US EPA 6010D:2018 ICP-OES	Toxic for reproduction	234-541-0	12008-41-2	0.01
XIX	188	Dicyclohexyl phthalate (DCHP)◎	US EPA 8061A:1996 GC-MS	Toxic for reproduction Endocrine disrupting properties- human health	201-545-9	84-61-7	0.005
XIX	189	Decamethylcyclopentasiloxane (D5)◎	Pony-In-house method GC-MS	PBT vPvB	208-764-9	541-02-6	0.01
XIX	190	Benzo[ghi]perylene◎	AfPS GS 2014:01 PAK GC-MS	PBT vPvB	205-883-8	191-24-2	0.005
XIX	191	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (TMA)◎	Pony-In-house method HPLC	Respiratory sensitising properties- human health	209-008-0	552-30-7	0.012
XX	192	Pyrene◎	AfPS GS 2014:01 PAK GC-MS	PBT vPvB	204-927-3	129-00-0	0.005
XX	193	Phenanthrene◎	AfPS GS 2014:01 PAK GC-MS	vPvB	201-581-5	85-01-8	0.005
XX	194	Fluoranthene◎	AfPS GS 2014:01 PAK GC-MS	PBT vPvB	205-912-4	206-44-0	0.005
XX	195	Benzo[k]fluoranthene◎	AfPS GS 2014:01 PAK GC-MS	Carcinogenic PBT vPvB	205-916-6	207-08-9	0.005
XX	196	2,2-bis(4'-hydroxyphenyl)-4-methylpentane◎	Pony-in-house method HPLC	Toxic for reproduction	401-720-1	6807-17-6	0.012
XX	197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one◎	Pony-in-house method GC-MS	Endocrine disrupting properties- environment	239-139-9	15087-24-8	0.005

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Item List：

Batch No.	No.	Substance Name(s)	Reference Method and Equipments	Substance Classification	EC No.	CAS No.	DL %
XXI	198	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)(2)◎	Pony-in-house method HPLC	Endocrine disrupting properties-environment	——	——	0.012
XXI	199	4-tert-butylphenol (PTBP) ◎	Pony-in-house method HPLC	Endocrine disrupting properties-environment	202-679-0	98-54-4	0.012
XXI	200	2-methoxyethyl acetate◎	Pony-in-house method GC-MS	Toxic for reproduction	203-772-9	110-49-6	0.01
XXI	201	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)(2)◎	Pony-In-house method LC-MS/MS	Equivalent level of concern having probable serious effects to human health Equivalent level of concern having probable serious effects to the environment	——	——	0.01
XXII	202	Perfluorobutane sulfonic acid (PFBS) and its salts(2)◎	Pony-In-house method LC-MS/MS	Equivalent level of concern having probable serious effects to human health Equivalent level of concern having probable serious effects to the environment	——	——	0.005
XXII	203	Diisohexyl phthalate	US EPA 8061A:1996 GC-MS	Toxic for reproduction	276-090-2	71850-09-4	0.005
XXII	204	2-methyl-1-(4-methylthiophenyl) -2-morpholinopropan-1-one	Pony-in-house method HPLC	Toxic for reproduction	400-600-6	71868-10-5	0.00075
XXII	205	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	Pony-in-house method HPLC	Toxic for reproduction	404-360-3	119313-12-1	0.00075

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Test result（Unit：%）

Batch No.	No.	Substance Name(s)	Test Result
I-XXII	1-205	All tested SVHC in candidate list	N.D.

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) The test result is the result of selected elements and calculated based on the worst situation.
(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 ratioof β-TGIC to TGIC is around 1 to 10. Therefore β-TGIC is issued based on the above-mentioned ratio.
(5) The substance is considered as SVHC only when the concentration of Michler's ketone (CAS No.:90-94-8) or Michler's base (CAS No.:101-61-1) is more than 0.1% (w/w).

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Remarks：

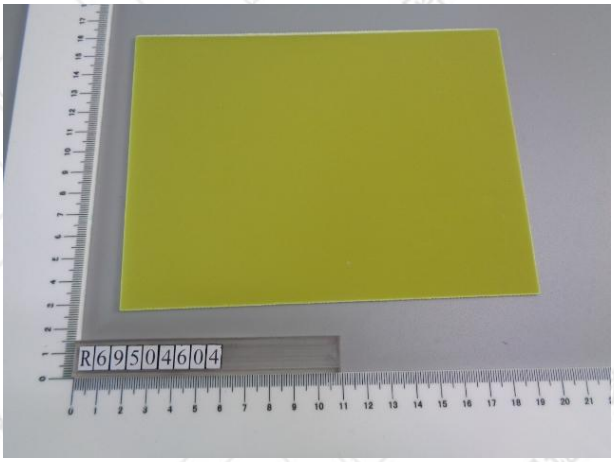
(1) The chemical analysis of specific SVHC is performed by means of currently available analytical. Techniques in the list published by ECHA as of 16 Jan. 2020 shall refer to:
https://echa.europa.eu/candidate-list-table
These documents are assessed by ECHA and may be changed in the future.

(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 test result in the report is based on test sample. If the sample is homogeneous, the result cannot represent the SVHC concentration in the finished product. These samples may also come from different articles if several homogeneous samples are tested after equal proportion mixed.

Sample No. & Photo：



Pony authenticate the photo on original report only

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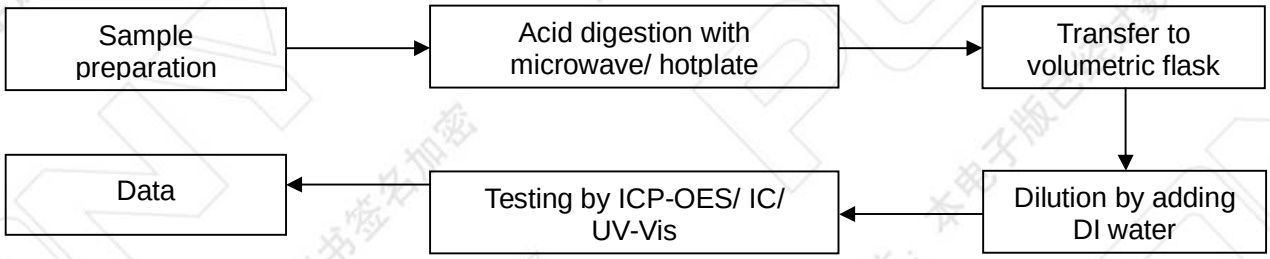
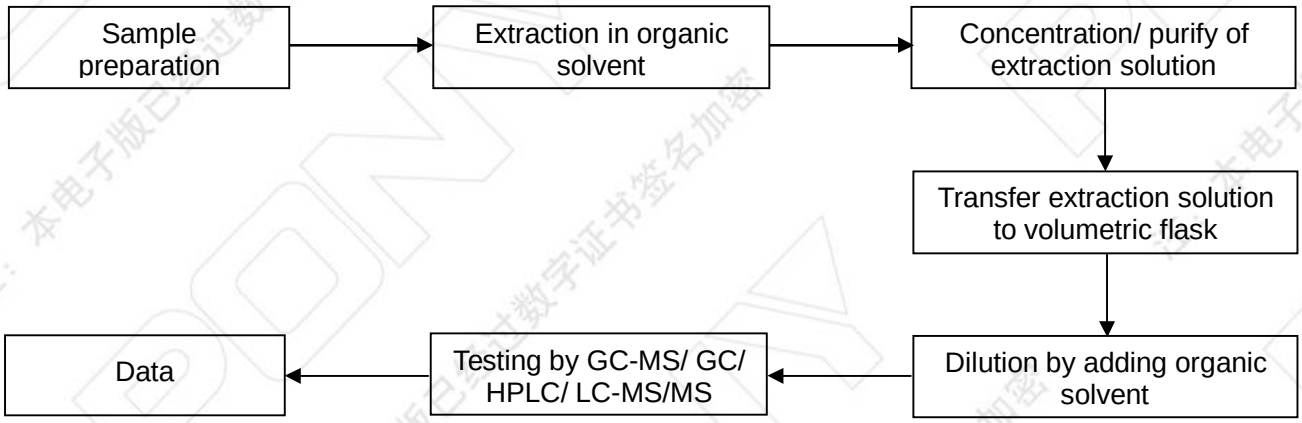
Measurement Flow-chart

Tested by：Ye Yaoting \ Feng Xiaolin
Checked by：Liu Nan
Person in charge of the lab by：Cao Jia

1 Determination of item with "▲"



2 Determination of item with "◎"



End of Report