

**Test Report** No. NGBEC1801227806 Date: 11 Apr 2018 Page 1 of 18

NINGBO JIAJIE ELECTRONIC CO.,LTD SIMEN TOWN YUYAO CITY

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

SGS Job No.: NP18-001009 - NB

Model No.: JF-03 H05VV-F 3G0.75 mm2、FS-3D/FS3-Z 4V-75 3×1.0mm2、60227 IEC

53(RVV) 2×0.75 mm2

Client Ref. Information : See Attachment

Date of Sample Received: 30 Mar 2018

Testing Period : 30 Mar 2018 - 10 Apr 2018

Test Requested : Selected test(s) as requested by client.

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

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

Result Summary:

Test Requested	Conclusion
RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU	See Results
RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU	See Results
Phthalates	See Results
Polycyclic aromatic hydrocarbons (PAHs)	PASS

Based on the performed tests on selected part of submitted sample(s) 001~006, the results of Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs) and Phthalates such as Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP), and Diisobutyl phthalate (DIBP) comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

Based on the performed tests on selected part of submitted sample(s) 007, the results of Lead, Mercury, Cadmium, Hexavalent chromium comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.



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Signed for and on behalf of SGS-CSTC Standards Technical Services Co., Ltd. Ningbo Branch

Approved Signatory

Tony Li



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Test Results:

### **Test Part Description:**

Specimen No.	SGS Sample ID	Description
SN1	NGB18-012278.001	Brown plastic wire jacket
SN2	NGB18-012278.002	Blue plastic wire jacket
SN3	NGB18-012278.003	Yellow and green plastic wire jacket
SN4	NGB18-012278.004	Black plastic wire jacket
SN5	NGB18-012278.005	White plastic wire jacket
SN6	NGB18-012278.006	Gray plastic wire jacket
SN7	NGB18-012278.007	Coppery metal wire

#### Remarks:

- (1) 1 mg/kg = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected ( < MDL)
- (4) "-" = Not Regulated

### RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU

Test Method: With reference to IEC 62321-4:2013+A1:2017, IEC62321-5:2013, IEC62321-7-2:2017, IEC 62321-6:2015 and IEC62321-8:2017, analyzed by ICP-OES, UV-Vis and GC-MS.

Test Item(s)	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>	<u>002</u>	<u>003</u>
Cadmium (Cd)	100	mg/kg	2	ND	ND	ND
Lead (Pb)	1000	mg/kg	2	ND	ND	ND
Mercury (Hg)	1000	mg/kg	2	ND	ND	ND
Hexavalent Chromium (Cr(VI))	1000	mg/kg	8	ND	ND	ND
Sum of PBBs	1000	mg/kg	-	ND	ND	ND
Monobromobiphenyl	-	mg/kg	5	ND	ND	ND
Dibromobiphenyl	-	mg/kg	5	ND	ND	ND
Tribromobiphenyl	-	mg/kg	5	ND	ND	ND
Tetrabromobiphenyl	-	mg/kg	5	ND	ND	ND
Pentabromobiphenyl	-	mg/kg	5	ND	ND	ND
Hexabromobiphenyl	-	mg/kg	5	ND	ND	ND
Heptabromobiphenyl	-	mg/kg	5	ND	ND	ND
Octabromobiphenyl	-	mg/kg	5	ND	ND	ND
Nonabromobiphenyl	-	mg/kg	5	ND	ND	ND
Decabromobiphenyl	-	mg/kg	5	ND	ND	ND
Sum of PBDEs	1000	mg/kg	-	ND	ND	ND



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Test Item(s)	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>	<u>002</u>	<u>003</u>
Monobromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Dibromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Tribromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Tetrabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Pentabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Hexabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Heptabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Octabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Nonabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Decabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Di-butyl Phthalate (DBP)	1000	mg/kg	50	ND	ND	ND
Benzyl Butyl Phthalate (BBP)	1000	mg/kg	50	ND	ND	ND
Bis(2-ethylhexyl) Phthalate(DEHP)	1000	mg/kg	50	ND	ND	ND
Diisobutyl Phthalates (DIBP)	1000	mg/kg	50	ND	ND	ND
Test Item(s)	<u>Limit</u>	<u>Unit</u>	MDL	<u>004</u>	<u>005</u>	<u>006</u>
Cadmium (Cd)	100	mg/kg	2	ND	ND	ND
Lead (Pb)	1000	mg/kg	2	ND	ND	ND
Mercury (Hg)	1000	mg/kg	2	ND	ND	ND
Hexavalent Chromium (Cr(VI))	1000	mg/kg	8	ND	ND	ND
Sum of PBBs	1000	mg/kg	-	ND	ND	ND
Monobromobiphenyl	-	mg/kg	5	ND	ND	ND
Dibromobiphenyl	-	mg/kg	5	ND	ND	ND
Tribromobiphenyl	-	mg/kg	5	ND	ND	ND
Tetrabromobiphenyl	-	mg/kg	5	ND	ND	ND
Pentabromobiphenyl	-	mg/kg	5	ND	ND	ND
Hexabromobiphenyl	-	mg/kg	5	ND	ND	ND
Heptabromobiphenyl	-	mg/kg	5	ND	ND	ND
Octabromobiphenyl	-	mg/kg	5	ND	ND	ND
Nonabromobiphenyl	-	mg/kg	5	ND	ND	ND
Decabromobiphenyl	-	mg/kg	5	ND	ND	ND
Sum of PBDEs	1000	mg/kg	-	ND	ND	ND
Monobromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Dibromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Tribromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Tetrabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Pentabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Hexabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Heptabromodiphenyl ether	-	mg/kg	5	ND	ND	ND



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Test Item(s)	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>004</u>	<u>005</u>	<u>006</u>
Octabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Nonabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Decabromodiphenyl ether	-	mg/kg	5	ND	ND	ND
Di-butyl Phthalate (DBP)	1000	mg/kg	50	ND	ND	ND
Benzyl Butyl Phthalate (BBP)	1000	mg/kg	50	ND	ND	ND
Bis(2-ethylhexyl) Phthalate(DEHP)	1000	mg/kg	50	ND	ND	ND
Diisobutyl Phthalates (DIBP)	1000	mg/kg	50	ND	ND	ND

#### Notes:

(1) The maximum permissible limit is quoted from RoHS Directive (EU) 2015/863.

IEC 62321 series is equivalent to EN 62321 series

http://www.cenelec.eu/dyn/www/f?p=104:30:1742232870351101::::FSP\_ORG\_ID,FSP\_LANG\_ID: 1258637,25

### RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU

With reference to IEC 62321-4:2013+A1:2017, IEC62321-5:2013 and IEC 62321-7-1:2015, analyzed by ICP-OES and UV-Vis.

Test Item(s)	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>007</u>
Cadmium (Cd)	100	mg/kg	2	ND
Lead (Pb)	1000	mg/kg	2	ND
Mercury (Hg)	1000	mg/kg	2	ND
Hexavalent Chromium (Cr(VI))▼	-	µg/cm²	0.10	ND

#### Notes:

- (1) The maximum permissible limit is quoted from RoHS Directive (EU) 2015/863. IEC 62321 series is equivalent to EN 62321 series http://www.cenelec.eu/dyn/www/f?p=104:30:1742232870351101::::FSP ORG ID,FSP LANG ID: 1258637,25
- (2) ▼ = a. The sample is positive for Cr(VI) if the Cr(VI) concentration is greater than 0.13 μg/cm². The sample coating is considered to contain Cr(VI)
- b. The sample is negative for Cr(VI) if Cr(VI) is ND (concentration less than 0.10 µg/cm²). The coating is considered a non-Cr(VI) based coating
- c. The result between 0.10 µg/cm² and 0.13 µg/cm² is considered to be inconclusive unavoidable coating variations may influence the determination

Information on storage conditions and production date of the tested sample is unavailable and thus Cr(VI) results represent status of the sample at the time of testing.

#### **Phthalates**



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Test Method: With reference to EN14372: 2004, analysis was performed by GC-MS.

Test Item(s)	CAS NO.	<u>Unit</u>	<u>MDL</u>	<u>001</u>	<u>002</u>	<u>003</u>
Dibutyl Phthalate (DBP)	84-74-2	%	0.003	ND	ND	ND
Benzylbutyl Phthalate (BBP)	85-68-7	%	0.003	ND	ND	ND
Bis(2-ethylhexyl) Phthalate(DEHP)	117-81-7	%	0.003	ND	ND	ND
Diisononyl Phthalate (DINP)	28553-12-0/68515 -48-0	%	0.01	ND	ND	ND
Di-n-octyl Phthalate (DNOP)	117-84-0	%	0.003	ND	ND	ND
Diisodecyl Phthalate (DIDP)	26761-40-0/68515 -49-1	%	0.01	ND	ND	ND
Dimethyl Phthalate (DMP)	131-11-3	%	0.003	ND	ND	ND
Diethyl Phthalate (DEP)	84-66-2	%	0.003	ND	ND	ND
Diisobutyl Phthalate (DIBP)	84-69-5	%	0.003	ND	ND	ND
Dinonyl Phthalate (DNP)	84-76-4	%	0.003	ND	ND	ND
Diisooctyl Phthalate (DIOP)	27554-26-3	%	0.01	ND	ND	ND
Dipropyl Phthalate (DPrP)	131-16-8	%	0.003	ND	ND	ND
Dicyclohexyl Phthalate (DCHP)	84-61-7	%	0.003	ND	ND	ND
Di-n-pentyl Phthalate (DnPP)	131-18-0	%	0.003	ND	ND	ND
Dibenzyl Phthalate (DBzP)	523-31-9	%	0.003	ND	ND	ND
Diphenyl Phthalate (DPhP)	84-62-8	%	0.003	ND	ND	ND
Diheptyl Phthalate(DnHpP)	3648-21-3	%	0.003	ND	ND	ND
Di-n-hexyl Phthalate (DnHP)	84-75-3	%	0.003	ND	ND	ND
Test Item(s)	CAS NO.	<u>Unit</u>	<u>MDL</u>	<u>004</u>	<u>005</u>	<u>006</u>
Dibutyl Phthalate (DBP)	84-74-2	%	0.003	ND	ND	ND
Benzylbutyl Phthalate (BBP)	85-68-7	%	0.003	ND	ND	ND
Bis(2-ethylhexyl) Phthalate(DEHP)	117-81-7	%	0.003	ND	ND	ND



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Test Item(s)	CAS NO.	<u>Unit</u>	<u>MDL</u>	<u>004</u>	<u>005</u>	<u>006</u>
Diisononyl Phthalate (DINP)	28553-12-0/68515 -48-0	%	0.01	ND	ND	ND
Di-n-octyl Phthalate (DNOP)	117-84-0	%	0.003	ND	ND	ND
Diisodecyl Phthalate (DIDP)	26761-40-0/68515 -49-1	%	0.01	ND	ND	ND
Dimethyl Phthalate (DMP)	131-11-3	%	0.003	ND	ND	ND
Diethyl Phthalate (DEP)	84-66-2	%	0.003	ND	ND	ND
Diisobutyl Phthalate (DIBP)	84-69-5	%	0.003	ND	ND	ND
Dinonyl Phthalate (DNP)	84-76-4	%	0.003	ND	ND	ND
Diisooctyl Phthalate (DIOP)	27554-26-3	%	0.01	ND	ND	ND
Dipropyl Phthalate (DPrP)	131-16-8	%	0.003	ND	ND	ND
Dicyclohexyl Phthalate (DCHP)	84-61-7	%	0.003	ND	ND	ND
Di-n-pentyl Phthalate (DnPP)	131-18-0	%	0.003	ND	ND	ND
Dibenzyl Phthalate (DBzP)	523-31-9	%	0.003	ND	ND	ND
Diphenyl Phthalate (DPhP)	84-62-8	%	0.003	ND	ND	ND
Diheptyl Phthalate(DnHpP)	3648-21-3	%	0.003	ND	ND	ND
Di-n-hexyl Phthalate (DnHP)	84-75-3	%	0.003	ND	ND	ND

#### Notes:

- (1) DBP,BBP,DEHP Reference information: Entry 51 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2005/84/EC):
  - i) Shall not be used as substances or in mixtures, in concentrations greater than 0,1 % by weight of the plasticised material, in toys and childcare articles.
  - ii) Toys and childcare articles containing these phthalates in a concentration greater than 0.1 % by weight of the plasticised material shall not be placed on the market.

Please refer to Regulation (EC) No 552/2009 to get more detail information

- (2) DINP, DNOP, DIDP Reference information: Entry 52 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2005/84/EC).
  - i) Shall not be used as substances or in mixtures, in concentrations greater than 0.1 % by weight of the plasticised material, in toys and childcare articles which can be placed in the mouth by children.



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ii) Such toys and childcare articles containing these phthalates in a concentration greater than 0.1 % by weight of the plasticised material shall not be placed on the market.

Please refer to Regulation (EC) No 552/2009 to get more detail information

### Polycyclic aromatic hydrocarbons (PAHs)

Test Method: With reference to AfPS GS 2014:01 PAK, analysis was performed by GC-MS.

Test Item(s)	Unit	MDL	004
Acenaphthylene(ANY)	mg/kg	0.1	ND
Acenaphthene(ANA)	mg/kg	0.1	ND
Fluorene(FLU)	mg/kg	0.1	ND
Phenanthrene(PHE)	mg/kg	0.1	ND
Anthracene(ANT)	mg/kg	0.1	ND
Fluoranthene(FLT)	mg/kg	0.1	ND
Pyrene(PYR)	mg/kg	0.1	ND
Benzo(a)pyrene(BaP)	mg/kg	0.1	ND
Benzo(e)pyrene(BeP)	mg/kg	0.1	ND
Benzo(a)anthracene(BaA)	mg/kg	0.1	ND
Benzo(b)fluoranthene(BbF)	mg/kg	0.1	ND
Benzo(j)fluoranthene(BjF)	mg/kg	0.1	ND
Benzo(k)fluoranthene(BkF)	mg/kg	0.1	ND
Chrysene(CHR)	mg/kg	0.1	ND
Dibenzo(a,h)anthracene(DBA)	mg/kg	0.1	ND
Benzo(g,h,i)perylene(BPE)	mg/kg	0.1	ND
Indeno(1,2,3-c,d)pyrene(IPY)	mg/kg	0.1	ND
Sum of Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene,	mg/kg	-	ND
Pyrene, Anthracene, Fluoranthene			
Naphthalene(NAP)	mg/kg	0.1	ND
Sum of 18 PAHs	mg/kg	-	ND
Material Category	-	-	2
Conclusion			PASS
Test Item(s)	<u>Unit</u>	<u>MDL</u>	<u>005</u>
Acenaphthylene(ANY)	mg/kg	0.1	ND
Acenaphthene(ANA)	mg/kg	0.1	ND
Fluorene(FLU)	mg/kg	0.1	ND
Phenanthrene(PHE)	mg/kg	0.1	ND
Anthracene(ANT)	mg/kg	0.1	ND
Fluoranthene(FLT)	mg/kg	0.1	ND
Pyrene(PYR)	mg/kg	0.1	ND



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Test Report	No. NGBEC1801227806	Date: 11 Apr 2018	Pa	ge 9 of 18
Test Item(s)		<u>Unit</u>	MDL	<u>005</u>
Benzo(a)pyrene(BaP)		mg/kg	0.1	ND
Benzo(e)pyrene(BeP)		mg/kg	0.1	ND
Benzo(a)anthracene(BaA)		mg/kg	0.1	ND
Benzo(b)fluoranthene(BbF)		mg/kg	0.1	ND
Benzo(j)fluoranthene(BjF)		mg/kg	0.1	ND
Benzo(k)fluoranthene(BkF)		mg/kg	0.1	ND
Chrysene(CHR)		mg/kg	0.1	ND
Dibenzo(a,h)anthracene(DBA)		mg/kg	0.1	ND
Benzo(g,h,i)perylene(BPE)		mg/kg	0.1	ND
Indeno(1,2,3-c,d)pyrene(IPY)		mg/kg	0.1	ND
Sum of Acenaphthylene, Acenaphth	nene, Fluorene, Phenanthrene,	mg/kg	-	ND
Pyrene, Anthracene, Fluoranthene				
Naphthalene(NAP)		mg/kg	0.1	ND
Sum of 18 PAHs		mg/kg	-	ND
Material Category		-	-	2
Conclusion				PASS
Test Item(s)		<u>Unit</u>	<u>MDL</u>	<u>006</u>
Acenaphthylene(ANY)		mg/kg	0.1	ND
Acenaphthene(ANA)		mg/kg	0.1	ND
Fluorene(FLU)		mg/kg	0.1	ND
Phenanthrene(PHE)		mg/kg	0.1	ND
Anthracene(ANT)		mg/kg	0.1	ND
Fluoranthene(FLT)		mg/kg	0.1	ND
Pyrene(PYR)		mg/kg	0.1	ND
Benzo(a)pyrene(BaP)		mg/kg	0.1	ND
Benzo(e)pyrene(BeP)		mg/kg	0.1	ND
Benzo(a)anthracene(BaA)		mg/kg	0.1	ND
Benzo(b)fluoranthene(BbF)		mg/kg	0.1	ND
Benzo(j)fluoranthene(BjF)		mg/kg	0.1	ND
Benzo(k)fluoranthene(BkF)		mg/kg	0.1	ND
Chrysene(CHR)		mg/kg	0.1	ND
Dibenzo(a,h)anthracene(DBA)		mg/kg	0.1	ND
Benzo(g,h,i)perylene(BPE)		mg/kg	0.1	ND
Indeno(1,2,3-c,d)pyrene(IPY)		mg/kg	0.1	ND
Sum of Acenaphthylene, Acenaphth	nene, Fluorene, Phenanthrene,	mg/kg	-	ND
Pyrene, Anthracene, Fluoranthene				
Naphthalene(NAP)		mg/kg	0.1	ND
Sum of 18 PAHs		mg/kg	-	ND
Material Category		-	-	2



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 Test Item(s)
 Unit
 MDL
 006

 Conclusion
 PASS

Notes:

(1) The material category was given by the client and not assessed by SGS.

(2) As per client information, the tested sample is not toy's product which is under the directive of ProdSG.

AfPS (German commission for Product Safety): GS PAHs requirements

Parameter	Category 1	Catego	ory 2	Category	3	
	Material indented to be put in the mouth or toys with intended skin contact (longer than 30 s).	Materials not category 1 wit foreseeable cakin for longer (long-term skin frequent conta	h ontact to r than 30 s n) or	Materials not falling category 1 or 2 with contact to skin for le (short-term skin con	h foreseeable less than 30 s	
		Toy under 2009/48/EC	Other products under ProdSG	Toy under 2009/48/EC	Other products under ProdSG	
Benzo(a)pyrene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1	
Benzo(e)pyrene Mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1	
Benzo(a)anthracene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1	
Benzo(b)fluoranthene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1	
Benzo(j)fluoranthene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1	
Benzo(k)fluoranthene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1	
Chrysene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1	
Dibenzo(a,h)anthracene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1	
Benzo(g,h,i)perylene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1	
Indeno(I,2,3-cd)pyrene mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1	
Acenaphthylene, Acenaphthene, fluorene,phenanthrene, pyrene, anthracene, fluoranthene, mg/kg	< 1 Sum	< 5 Sum	< 10 Sum	< 20 Sum	< 50 Sum	
Naphthalene, mg/kg	< 1	< 2	2	< 10		
Sum of 18 PAHs	<1	< 5	< 10	< 20	< 50	

### Remark:

(1) The test results are taken from report NGBEC1801227805, Date:2018/04/11



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### Attachment:

SY-3, SY-3D, SY-3K,SY-3B SY-3T, SY-2, SY-2B, SY-2C,SY-2A, SYST3, SYSZ3, SY-3Z,SY-2Z,D01, D02, D03, D04, D02-F, D03-F, D07, D08, D09, D10, D11, D12, D13, D14, D15, D16, D17, D18, D19, FS-2, FS-2D, FS-3D, FS-3S, FS-4D, FS3-Z, FS4-Z, FS-3H, FS-4H, SY-08, SY-09, Y006, Y006A, PBB-6, PBB-10,PBB-10B, PSB-6, PSB-10, PSB-10A, PSB-10B, PSB-10C,PSB-16, JF-01, JF-02, JF-02F, JF-03, JF-03F, JF-04, JF-03FZ, JF-03Z, JF-06A, Y007, YDL-10, YDL-16, Y009,Y010, Y009A, Y011, YHB-1, YHB-2, YHB-3, YHB-4, YHB-5,ST2, JT3, JT4, FT-2, FT-2A, FT-3, FT-3W, FT-3C, FT-3A, FT-3B, FT-5, FT-5Z, FT-6Z, JF-05, JF-05W, JF-06, JF-07, JF-08, JF-09, JF-10, Y004, Y005, SY-08,SY-09,SPT-1,SPT-2,SPT-2-B, SPT-2-R,SPT-3, NISPT-1, NISPT-2, SVT, SJT, ST, SJTW, SJTOW, SJTOOW, STW, STOW, STOOW,SJT-R, SJT-B, VCTF, VFF, VCTFK, 4V-75,V-75, 60227 IEC 01, 60227 IEC 02, 60227 IEC 05, 60227 IEC 52, 60227 IEC 53, H05V2V2-F 2×0.75...1.5mm2, H03VVH2-F 2×0.5...0.75mm2, H03VV-F 2...3×0.5...0.75mm2, H05VVH2-F 2×0.75...1.5mm2, H05VV-F 2...5×0.75...2.5mm2



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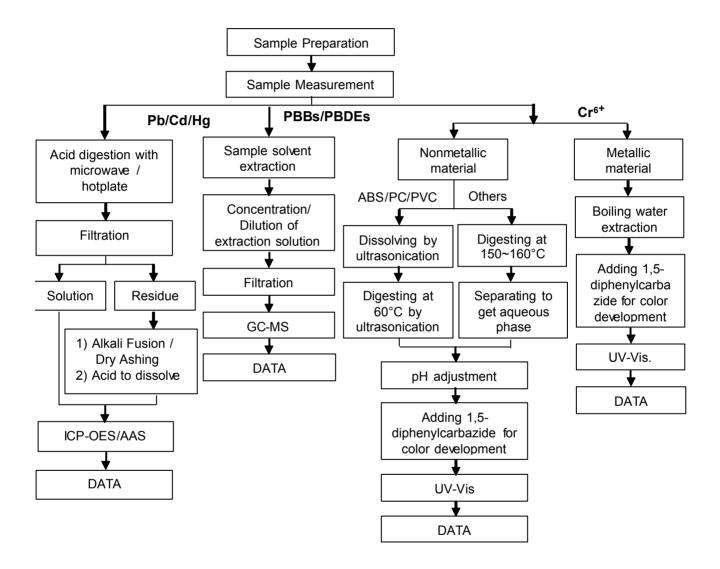


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### **ATTACHMENTS**

### Pb/Cd/Hg/Cr<sup>6+</sup>/PBBs/PBDEs Testing Flow Chart

1) These samples were dissolved totally by pre-conditioning method according to below flow chart. (Cr6+ and PBBs/PBDEs test method excluded)





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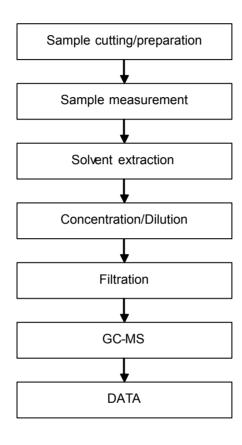
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### **PAHs Testing Flow Chart**





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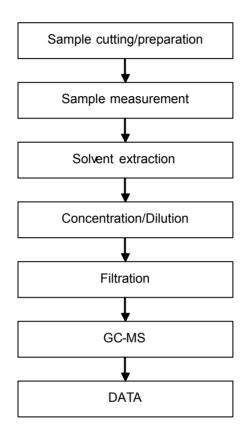
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### **Phthalates Testing Flow Chart**





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