Pony Testing International Group

Test Report

NO.：BMCAKYPJ81925504 Date：2018.10.29

Applicant： Shanghai Richeng Electronics Co.,Ltd

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

Sample Name： White powder

Sample Received Date： 2018.10.23

Test Period： 2018.10.23To 2018.10.29

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
(7) EPA8270E：2017 method, HBCDD analysis is performed by GC-MS

Testing Results： Please refer to next page(s)

Approved by：

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Test Report

NO.：BMCAKYPJ81925504 Date：2018.10.29

Test Results (Unit：mg/kg)

Sample Number and Name：J81925504 White powder

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 Report

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

Test Result (Unit：mg/kg)

Test Item	MDL	Test Result
HBCDD	5	Not Detected

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：

Pony authenticate the photo on original report only

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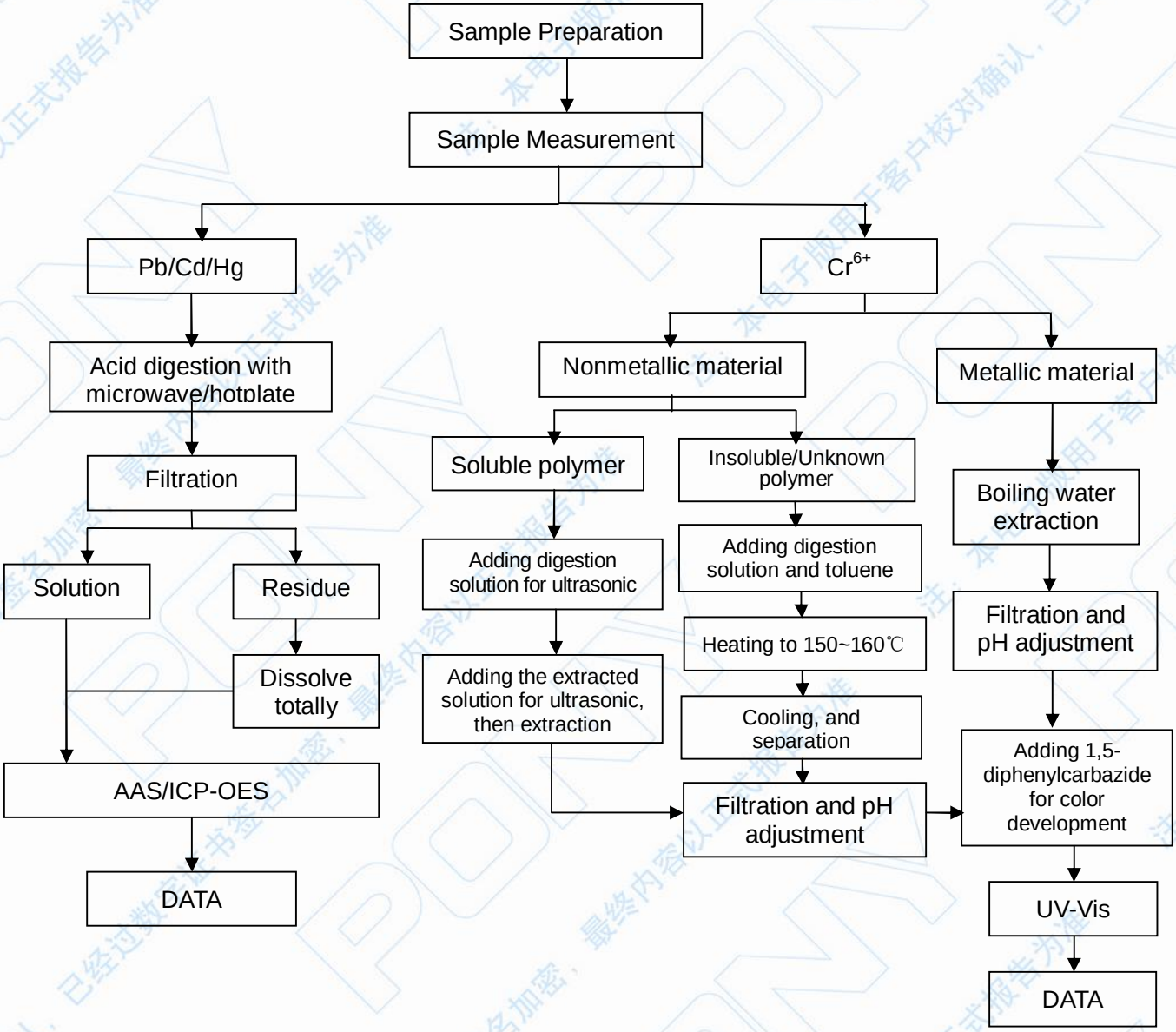
Measurement Flow-chart

Tested by：Yan Xu

Checked by：Hao Haixiang

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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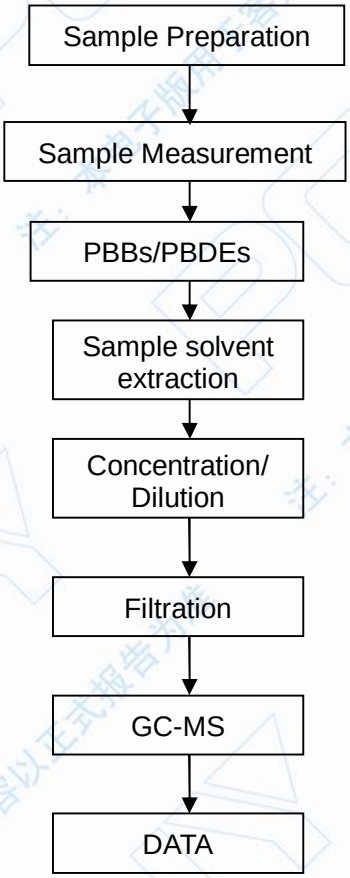
Measurement Flow-chart

Tested by：Zhang Shuo
Checked by：Hao Haixiang
Person in charge of the lab：Cao Jia



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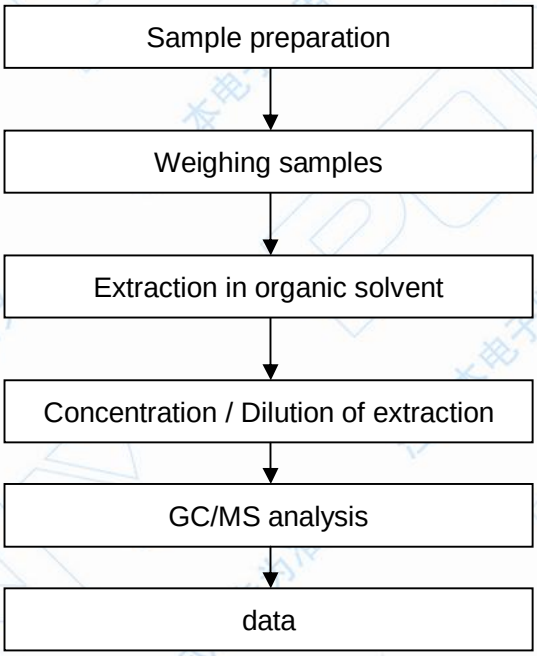
Phthalate Flow Chart

Tested by：Hu Xuegui
Checked by：Hao Haixiang
Person in charge of the lab：Cao Jia



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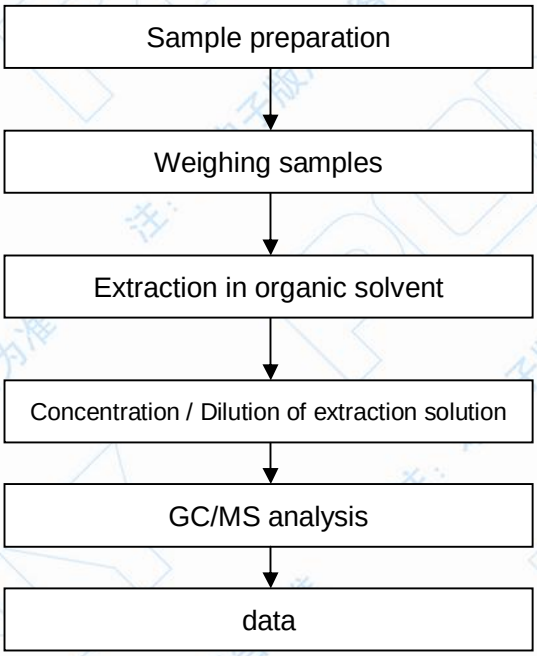
HBCDD Flow Chart

Tested by：Sun Hui
Checked by：Hao Haixiang
Person in charge of the lab：Cao Jia



End of Report