Test Report

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Applicant： Shanghai Richeng Electronics Co.,Ltd

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

Product Name： Yellow powder

Sample Source： Send Sample

Sample Received Date： 2020-10-30

Testing Period： 2020-10-30~2020-11-06

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) EPA3540C:1996&EPA8270E:2018 method, HBCDD analysis is performed by GC-MS

Testing Results： Please refer to next page(s)

Approved by：

微信扫一扫，使用小程序 小程序扫一扫，在线验证

Code: y23sih

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Test Results (Unit：mg/kg)

Sample Number and Product Name：T63548704 Yellow 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 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：

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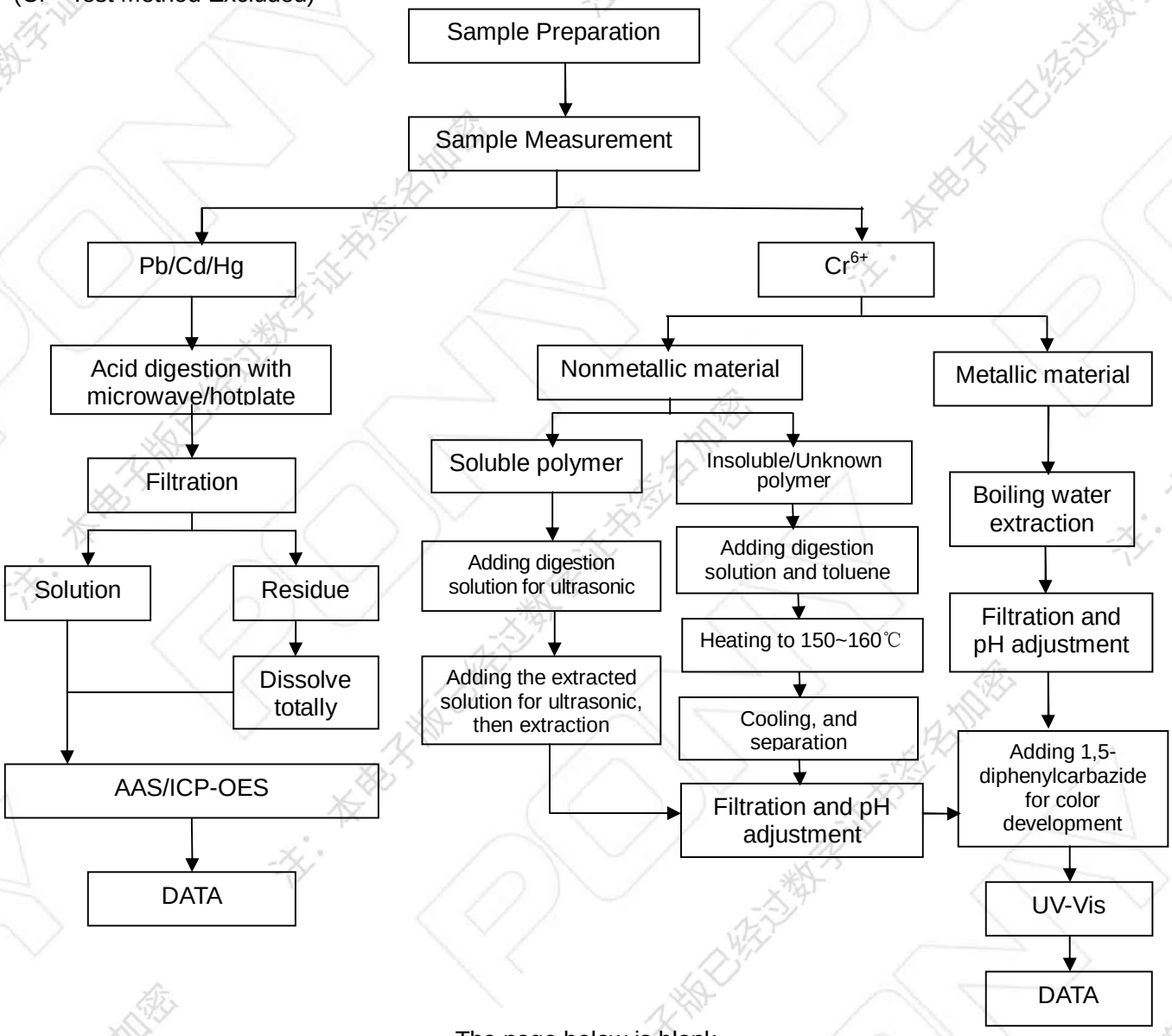
Measurement Flow-chart

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



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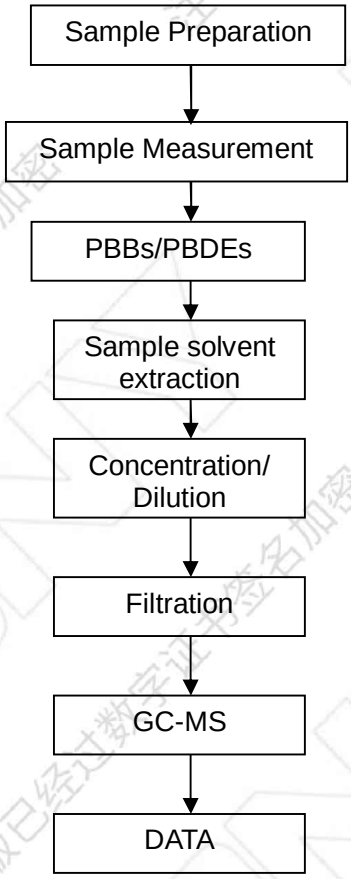
Measurement Flow-chart

Tested by：Li Chao
Checked by：Liu Nan
Person in charge of the lab by：Zhang Yaoqiang



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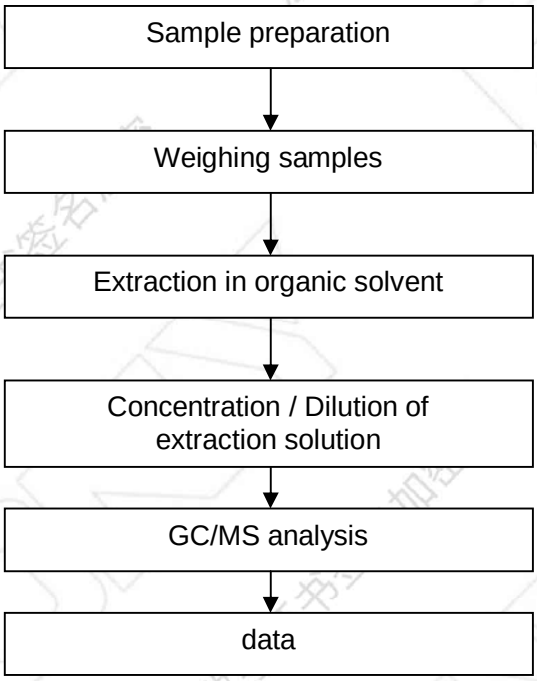
Phthalate Flow Chart

Tested by：Yang Dan
Checked by：Liu Nan
Person in charge of the lab by：Zhang Yaoqiang



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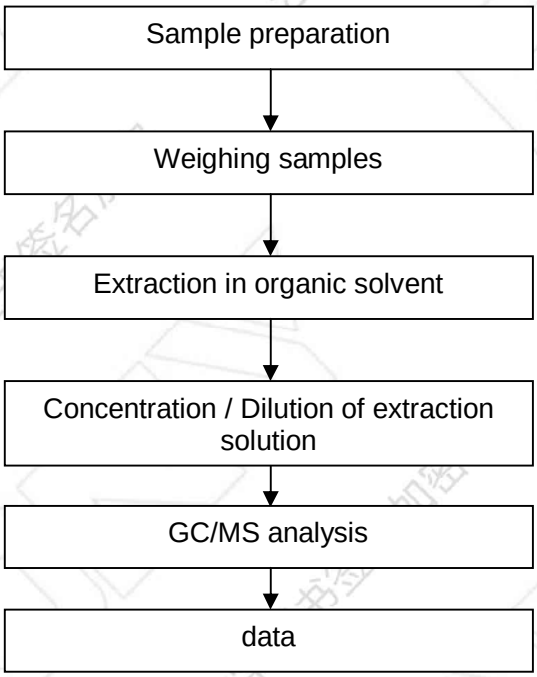
HBCDD Flow Chart

Tested by：Wang Shanshan
Checked by：Liu Nan
Person in charge of the lab by：Zhang Yaoqiang



End of Report