



Pony Testing International Group

**Test Report**

NO.: I03264017104D

Date: 2014.04.01

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Applicant: Rizhao Yixin Electronic Material Co.,LTD.

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

Sample Name: Ferrite Core

Sample Model: T FT UU ET EFT EE RM EPC EER EP

Sample Received Date: Mar 27, 2014

Testing Period: Mar 27, 2014 To Apr 01, 2014

Test Method: IEC 62321 Edition 1.0:2008 method: Regulated Substances Content of test process with Electrical & Electronic Products

- (1) Lead Analysis is performed by AAS
- (2) Cadmium Analysis is performed by AAS
- (3) Mercury Analysis is performed by ICP-OES
- (4) Hexavalent Chromium Analysis is performed by Spot-test/Boiling-water-extraction Method
- (5) PBBs and PBDEs Analysis is performed by GC-MS

EN 14582:2007 method, F, Cl, Br, I Analysis is performed by IC

Test Result: Please refer to next page(s)

Approved by: *Gaoshenxia*

Code: I099g3



www.ponytest.com ©Hotline 400-819-5688

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Test Result (Unit: mg/kg)

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 <sup>6+</sup> )	See Note (6)	Negative	—
PBBs	—	—	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.	—
PBDEs	—	—	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.	—

Note: (1) mg/kg = ppm

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- (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 Annex II
- (6) Spot-test:

Negative = Not Detected of CrVI , Positive = Presence of CrVI;

(The tested sample should be further verified by boiling-water-extraction method if the spot test result cannot be confirmed or negative)

Boiling-water-extraction:

Negative = Not Detected of CrVI ;Positive = Presence of CrVI;

the detected concentration in boiling-water-extraction solution is equal or greater than 0.02 mg/kg with 50cm<sup>2</sup> sample surface area used.

### Test Result (Unit: mg/kg)

Test Item	MDL	Test Result
F	50	N.D.
Cl	50	N.D.
Br	50	N.D.
I	50	N.D.

Note: (1) mg/kg = ppm

(2) N.D. = Not Detected (<MDL)

(3) MDL = Method Detection Limit

Photo:



Pony authenticate the photo on original report only

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### Measurement Flow-chart

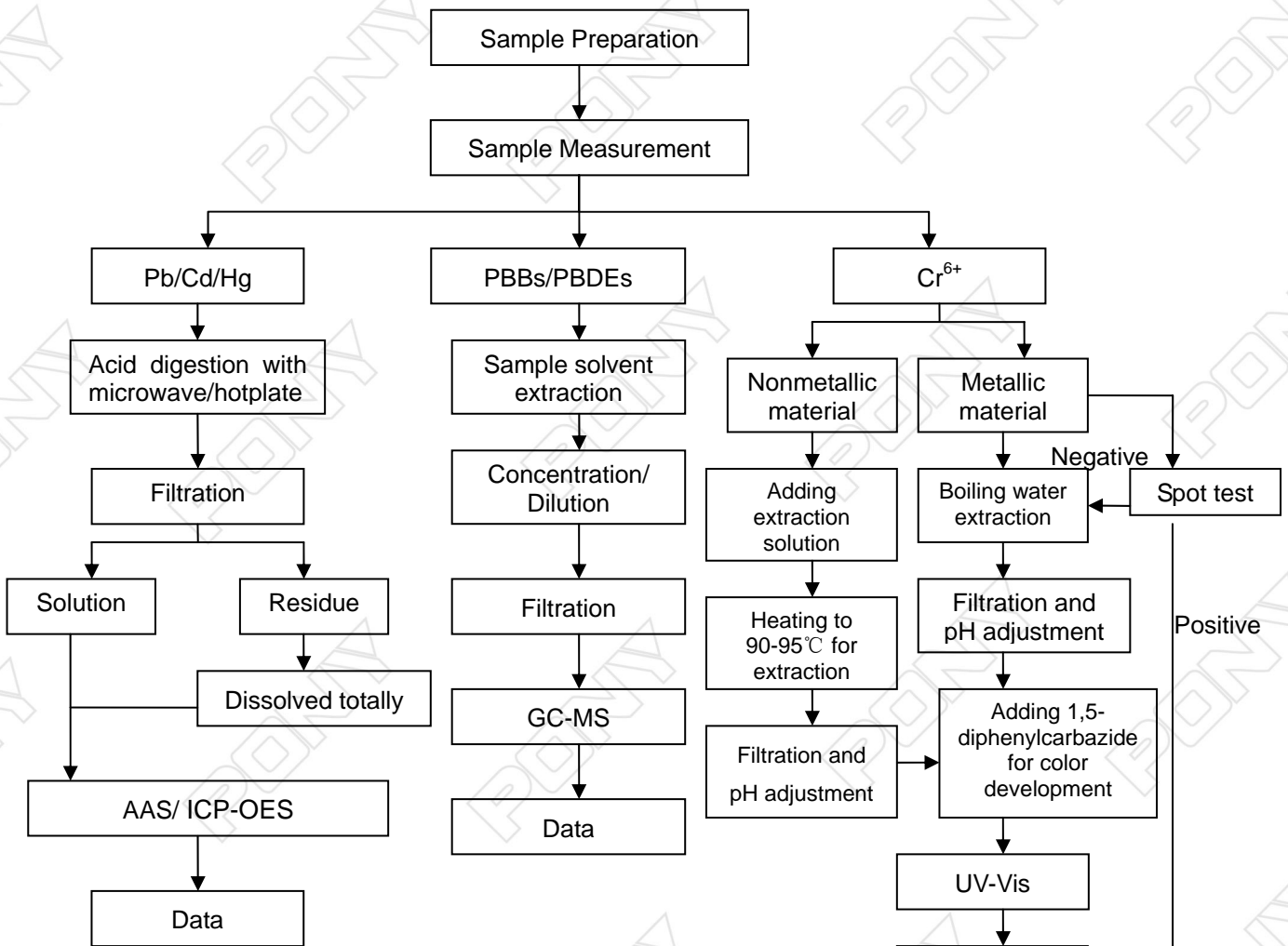
Tested by: Shi Xiaojie

Checked by: Wang Xia

Person in charge of the lab: Gao Shenxia

These Samples Were Dissolved Totally By Pre-conditioning Method According To Below Flow Chart.

(Cr<sup>6+</sup> And PBBs/PBDEs Test Method Excluded)





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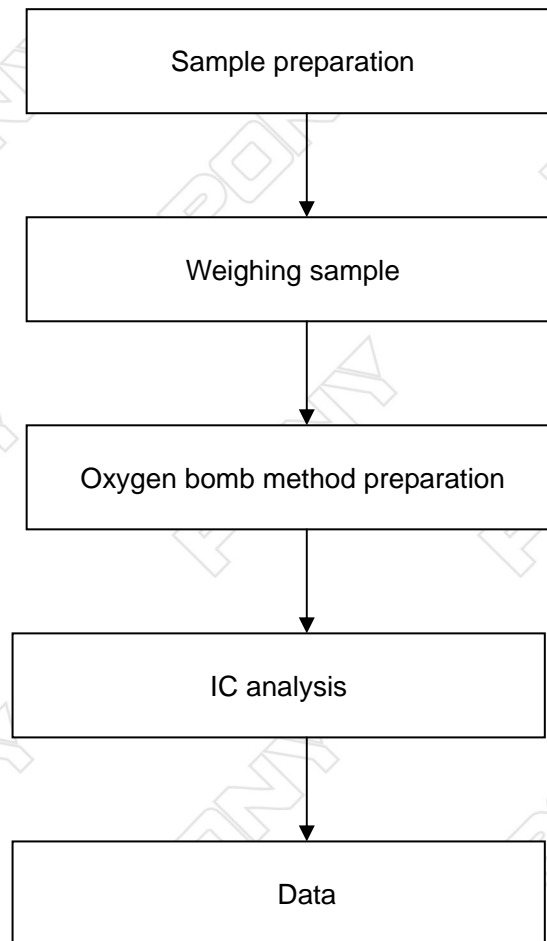
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### Halogen measurement flow-chart

Tested by: Dong Guangfeng

Checked by: Wang Xia

Person in charge of the lab: Gao Shenxia



\*\*\*End of Report\*\*\*