

RoHS



Pony Testing International Group

REPORT FROM FACTORY THAT MAKES PARTS FOR....
RICHEY CAPACITOR, INC.
1219 4th AVENUE SOUTH
NASHVILLE, TN. 37210
(615) 254-3561



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Test Report

NO.: BDCPT8LK98285744a

Date: 2016.07.06

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Applicant:

Nantong Jianghai Capacitor Co.,Ltd

Address:

No.79 Tongyang South Road,Pingchao,Nantong

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

Sample Name:

SNAP IN TYPE ALUMINUM ELECTROLYTIC CAPACITORS (PVC)

Sample Received Date:

2016.06.22

Testing Period:

2016.06.22 to 2016.07.06

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 Edition 1.0:2013 method, Mercury Analysis is performed by ICP-OES
- (4) IEC 62321 Edition 1.0:2008 method, Hexavalent Chromium Analysis is performed by UV-Vis
IEC62321-7-1Edition1.0:2015 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 (111/321/CD) method, Phthalate Analysis is performed by GC-MS
- (7) EN 14582:2007 method,F, Cl, Br, I Analysis is performed by IC
- (8) EPA6010D-2014 method,Sb Analysis is performed by ICP-OES

Testing Results:

Please refer to next page(s)

Approved by:

Caojie

Code: a6h1798oc

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Test Results (Unit: mg/kg)

Sample No.: K89265704 Sample Name: Separator Paper Supplier Name: Zhejiang KAN Specialities Material Co.,Ltd

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⁺)	1	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)

Sample No.: K89275704 Sample Name: Sleeve Supplier Name: Wuxi moodeung High Tech Electronic Co., Ltd.

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⁺)	1	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)

Sample No.: K89281744-3 Sample Name: Sealing Cover-Rubber sheet Supplier Name: Nantong Haibang Electronic Co.,Ltd.

Test Item	MDL	Test Result	RoHS Limit
Lead (Pb)	1	10	1000
Cadmium (Cd)	1	N.D.	100
Mercury (Hg)	1	N.D.	1000
Hexavalent Chromium (Cr ⁶⁺)	1	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)

Sample No.: K89281744-4 Sample Name: Sealing Cover- Phenolic resin board

Supplier Name: Nantong Haibang Electronic Co.,Ltd.

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⁺)	1	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)

Sample No.: K89288704 Sample Name: Bottom Plate Supplier Name: Nantong Rongchang Electronic Co.,Ltd.

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⁺)	1	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)

Sample No.: K89298704 Sample Name: Tape Supplier Name: Huzhou Ancan Elec-Adhesive Tape Co., Ltd.

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⁺)	1	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)

Sample No.: K89310704 Sample Name: Electrolyte Supplier Name: Nantong Jianghai Capacitor Co., Ltd.

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⁺)	1	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)

Sample No.: K89313704 Sample Name: Ink (White) Supplier Name: Shanghai Tonghui Inks&Paints Co., Ltd.

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⁺)	1	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)

Sample No.: K89248704 Sample Name: Anode Foil Supplier Name: Baoji Hai Yu Electronic Materials Co., Ltd.

Test Item	MDL	Test Result	RoHS Limit
Lead (Pb)	1	8	1000
Cadmium (Cd)	1	N.D.	100
Mercury (Hg)	1	N.D.	1000
Hexavalent Chromium (Cr ⁶⁺)	See Note (6)	Negative	—

Sample No.: K89262704 Sample Name: Cathode Foil Supplier Name: Zhangjiagang Jiaxin Electronic Co., Ltd.

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⁺)	See Note (6)	Negative	—

Sample No.: K89281744-1 Sample Name: Sealing Cover- Pin Supplier Name: Nantong Haibang Electronic Co.,Ltd.

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⁺)	See Note (6)	Negative	—

Sample No.: K89281744-2 Sample Name: Sealing Cover- Rivet Supplier Name: Nantong Haibang Electronic Co.,Ltd.

Test Item	MDL	Test Result	RoHS Limit
Lead (Pb)	1	26	1000
Cadmium (Cd)	1	N.D.	100
Mercury (Hg)	1	N.D.	1000
Hexavalent Chromium (Cr ⁶⁺)	See Note (6)	Negative	—

Sample No.: K89292704 Sample Name: Case Supplier Name: Nantong Haibang Electronic Co.,Ltd.

Test Item	MDL	Test Result	RoHS Limit
Lead (Pb)	1	8	1000
Cadmium (Cd)	1	N.D.	100
Mercury (Hg)	1	N.D.	1000
Hexavalent Chromium (Cr ⁶⁺)	See Note (6)	Negative	—

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Test Results (Unit: mg/kg)

Sample No.: K89306704 Sample Name: Washer Supplier Name: Nantong Rongchang Electronic Co.,Ltd.

Test Item	MDL	Test Result	RoHS Limit
Lead (Pb)	1	7	1000
Cadmium (Cd)	1	N.D.	100
Mercury (Hg)	1	N.D.	1000
Hexavalent Chromium (Cr ⁶⁺)	See Note (6)	Negative	—

Sample No.: K89308704 Sample Name: Lead Tap Supplier Name: Wujiang FeiLo TianHe Electronic Material Co., Ltd.

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⁺)	See Note (6)	Negative	—

Test Results (Unit: mg/kg)

Sample No.: K89265704 Sample Name: Separator Paper Supplier Name: Zhejiang KAN Specialities Material Co.,Ltd

Test Item	MDL	Test Result	RoHS Limit
DEHP	50	N.D.	1000
DBP	50	N.D.	1000
BBP	50	N.D.	1000
DIBP	50	N.D.	1000

Sample No.: K89275704 Sample Name: Sleeve Supplier Name: Wuxi moodeung High Tech Electronic Co., Ltd.

Test Item	MDL	Test Result	RoHS Limit
DEHP	50	N.D.	1000
DBP	50	N.D.	1000
BBP	50	N.D.	1000
DIBP	50	N.D.	1000

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Test Results (Unit: mg/kg)

Sample No.: K89281744-3 Sample Name: Sealing Cover-Rubber sheet Supplier Name: Nantong Haibang Electronic Co.,Ltd.

Test Item	MDL	Test Result	RoHS Limit
DEHP	50	N.D.	1000
DBP	50	N.D.	1000
BBP	50	N.D.	1000
DIBP	50	N.D.	1000

Sample No.: K89281744-4 Sample Name: Sealing Cover- Phenolic resin board

Supplier Name: Nantong Haibang Electronic Co.,Ltd.

Test Item	MDL	Test Result	RoHS Limit
DEHP	50	N.D.	1000
DBP	50	N.D.	1000
BBP	50	N.D.	1000
DIBP	50	N.D.	1000

Sample No.: K89288704 Sample Name: Bottom Plate Supplier Name: Nantong Rongchang Electronic Co.,Ltd.

Test Item	MDL	Test Result	RoHS Limit
DEHP	50	N.D.	1000
DBP	50	N.D.	1000
BBP	50	N.D.	1000
DIBP	50	N.D.	1000

Sample No.: K89298704 Sample Name: Tape Supplier Name: Huzhou Ancan Elec-Adhesive Tape Co., Ltd.

Test Item	MDL	Test Result	RoHS Limit
DEHP	50	N.D.	1000
DBP	50	N.D.	1000
BBP	50	N.D.	1000
DIBP	50	N.D.	1000

Sample No.: K89310704 Sample Name: Electrolyte Supplier Name: Nantong Jianghai Capacitor Co., Ltd.

Test Item	MDL	Test Result	RoHS Limit
DEHP	50	N.D.	1000
DBP	50	N.D.	1000
BBP	50	N.D.	1000
DIBP	50	N.D.	1000

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Test Results (Unit: mg/kg)

Sample No.: K89313704 Sample Name: Ink (White) Supplier Name: Shanghai Tonghui Inks&Paints Co., Ltd.

Test Item	MDL	Test Result	RoHS Limit
DEHP	50	N.D.	1000
DBP	50	N.D.	1000
BBP	50	N.D.	1000
DIBP	50	N.D.	1000

Test Result (Unit: mg/kg)

Sample No.: K89265704 Sample Name: Separator Paper Supplier Name: Zhejiang KAN Specialities Material Co., Ltd

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

Sample No.: K89275704 Sample Name: Sleeve Supplier Name: Wuxi moodeung High Tech Electronic Co., Ltd.

Test Item	MDL	Test Result
F	50	N.D.
Cl	50	4.22×10^5
Br	50	N.D.
I	50	N.D.

Sample No.: K89281744-3 Sample Name: Sealing Cover-Rubber sheet Supplier Name: Nantong Haibang Electronic Co., Ltd.

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

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Test Result (Unit: mg/kg)

Sample No.: K89281744-4 Sample Name: Sealing Cover-Phenolic resin board

Supplier Name: Nantong Haibang Electronic Co.,Ltd.

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

Sample No.: K89288704 Sample Name: Bottom Plate Supplier Name: Nantong Rongchang Electronic Co.,Ltd.

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

Sample No.: K89298704 Sample Name: Tape Supplier Name: Huzhou Ancan Elec-Adhesive Tape Co., Ltd.

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

Sample No.: K89310704 Sample Name: Electrolyte Supplier Name: Nantong Jianghai Capacitor Co., Ltd.

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

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Test Result (Unit: mg/kg)

Sample No.: K89313704 Sample Name: Ink (White) Supplier Name: Shanghai Tonghui Inks&Paints Co., Ltd.

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

Test Result (Unit: mg/kg)

Sample No.: K89248704 Sample Name: Anode Foil Supplier Name: Baoji Hai Yu Electronic Materials Co., Ltd.

Test Item	MDL	Test Result
Sb	2	N.D.

Sample No.: K89262704 Sample Name: Cathode Foil Supplier Name: Zhangjiagang Jiaxin Electronic Co., Ltd.

Test Item	MDL	Test Result
Sb	2	N.D.

Sample No.: K89265704 Sample Name: Separator Paper Supplier Name: Zhejiang KAN Specialities Material Co., Ltd.

Test Item	MDL	Test Result
Sb	2	N.D.

Sample No.: K89275704 Sample Name: Sleeve Supplier Name: Wuxi moodeung High Tech Electronic Co., Ltd.

Test Item	MDL	Test Result
Sb	2	N.D.

Sample No.: K89281744-1 Sample Name: Sealing Cover- Pin Supplier Name: Nantong Haibang Electronic Co., Ltd.

Test Item	MDL	Test Result
Sb	2	N.D.

Sample No.: K89281744-2 Sample Name: Sealing Cover- Rivet Supplier Name: Nantong Haibang Electronic Co., Ltd.

Test Item	MDL	Test Result
Sb	2	N.D.

Sample No.: K89281744-3 Sample Name: Sealing Cover-Rubber sheet Supplier Name: Nantong Haibang Electronic Co., Ltd.

Test Item	MDL	Test Result
Sb	2	N.D.

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Test Result (Unit: mg/kg)

Sample No.: K89281744-4 Sample Name: Sealing Cover-Phenolic resin board

Supplier Name: Nantong Haibang Electronic Co.,Ltd.

Test Item	MDL	Test Result
Sb	2	N.D.

Sample No.: K89288704 Sample Name: Bottom Plate Supplier Name: Nantong Rongchang Electronic Co.,Ltd.

Test Item	MDL	Test Result
Sb	2	N.D.

Sample No.: K89292704 Sample Name: Case Supplier Name: Nantong Haibang Electronic Co.,Ltd.

Test Item	MDL	Test Result
Sb	2	N.D.

Sample No.: K89298704 Sample Name: Tape Supplier Name: Huzhou Ancan Elec-Adhesive Tape Co., Ltd.

Test Item	MDL	Test Result
Sb	2	N.D.

Sample No.: K89306704 Sample Name: Washer Supplier Name: Nantong Rongchang Electronic Co.,Ltd.

Test Item	MDL	Test Result
Sb	2	N.D.

Sample No.: K89308704 Sample Name: Lead Tap Supplier Name: WuJiang FeiLo TianHe Electronic Material Co., Ltd.

Test Item	MDL	Test Result
Sb	2	N.D.

Sample No.: K89310704 Sample Name: Electrolyte Supplier Name: Nantong Jianghai Capacitor Co., Ltd.

Test Item	MDL	Test Result
Sb	2	N.D.

Sample No.: K89313704 Sample Name: Ink (White) Supplier Name: Shanghai Tonghui Inks&Paints Co., Ltd.

Test Item	MDL	Test Result
Sb	2	N.D.

- 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
 - (6) Boiling water extraction test:
 - <0.10 $\mu\text{g}/\text{cm}^2$ expressed as "negative" results, indicates without hexavalent chromium in the plating
 - 0.10 $\mu\text{g}/\text{cm}^2$ ~0.13 $\mu\text{g}/\text{cm}^2$ expressed as "not confirmative", indicates that it can not be confirmative for the presence of hexavalent chromium in the plating, further test is needed.
 - >0.13 $\mu\text{g}/\text{cm}^2$ expressed as "positive", indicates that hexavalent chromium is detected in the plating.

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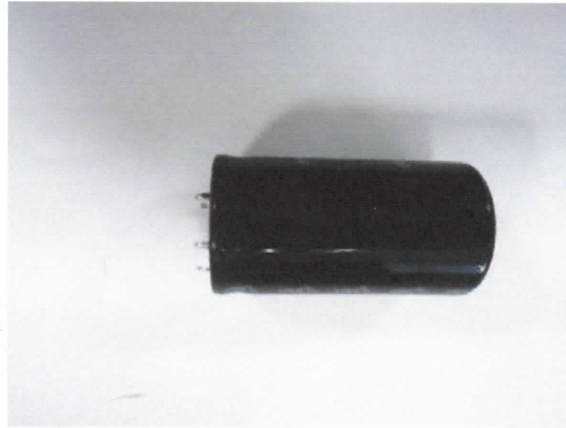
Test Report

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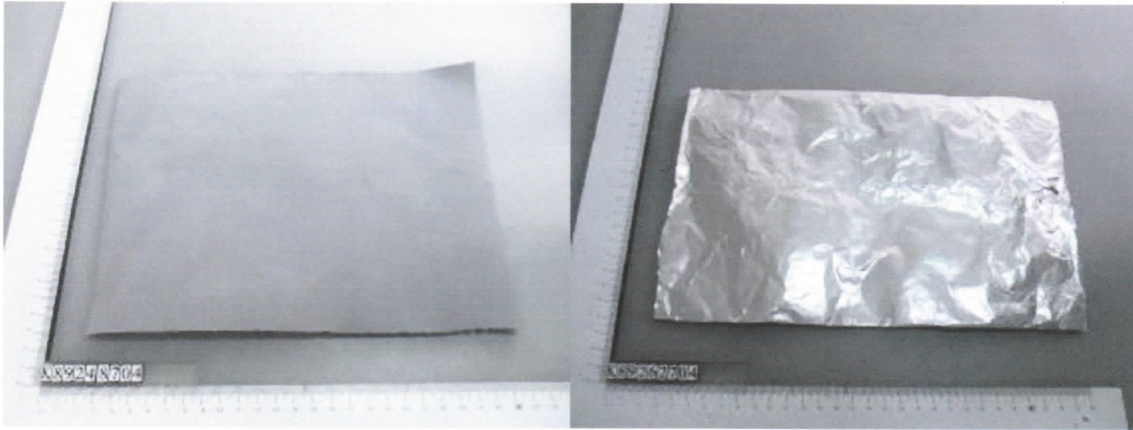
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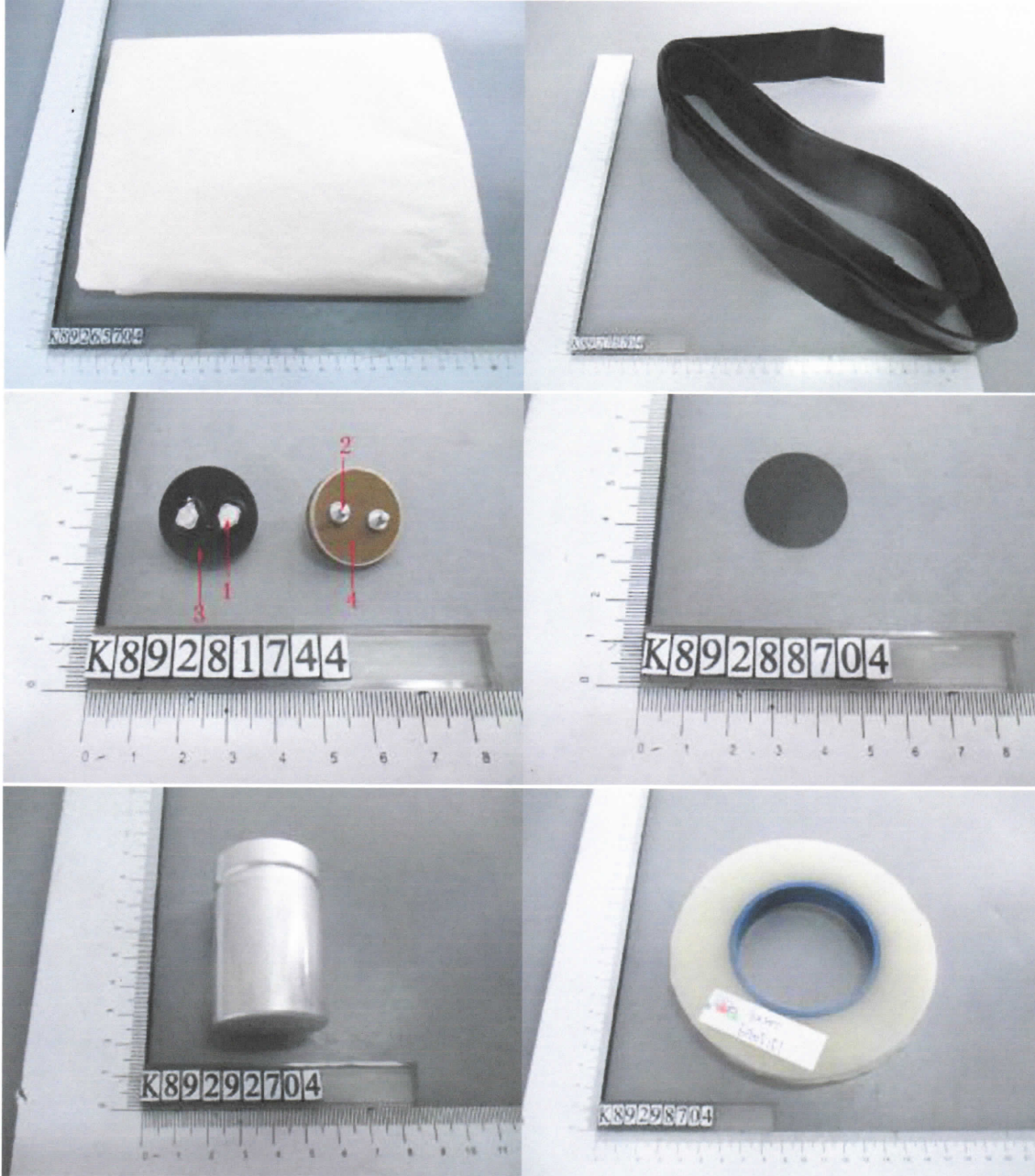
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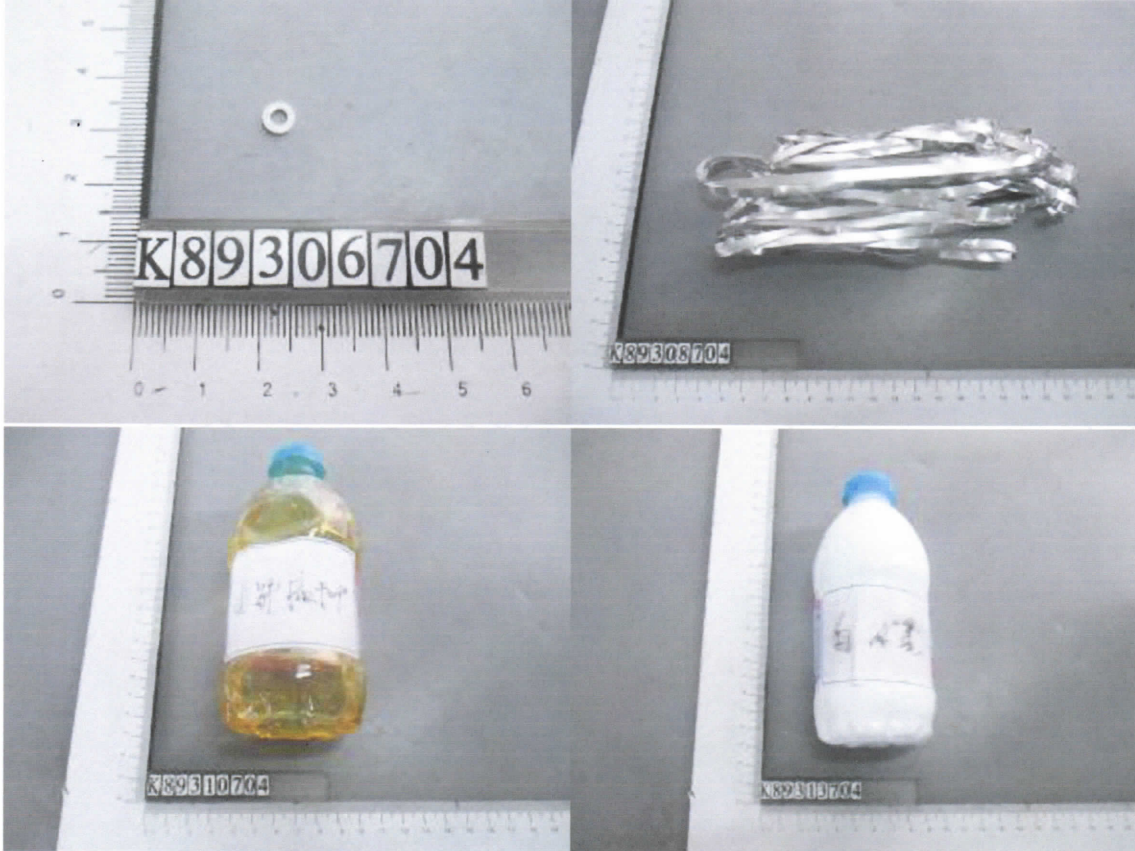
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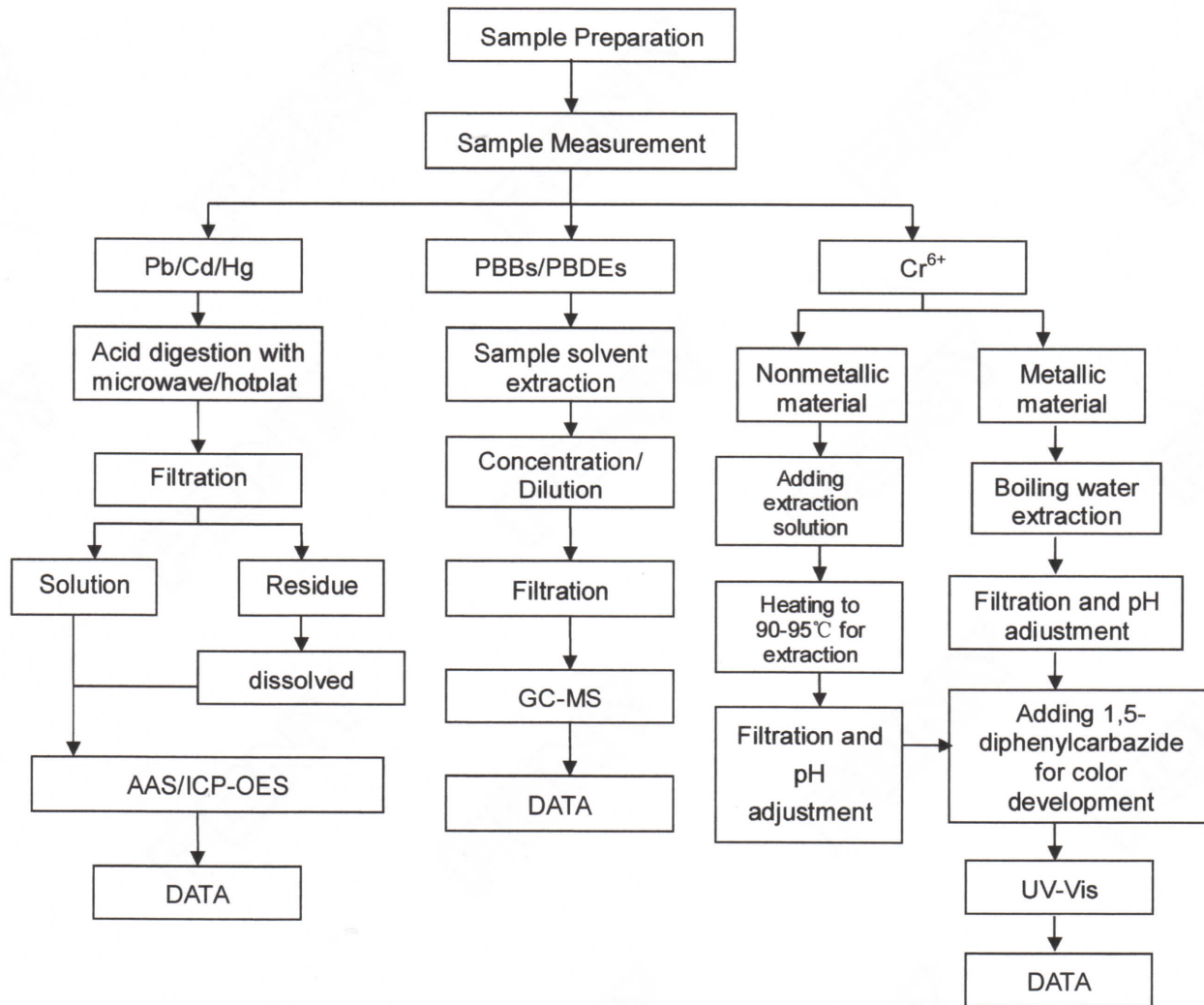
Measurement Flow-chart

Tested by: Yang Chongling

Checked by: Wang Yunxia

Person in charge of the lab: Cao Jia

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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Test Report

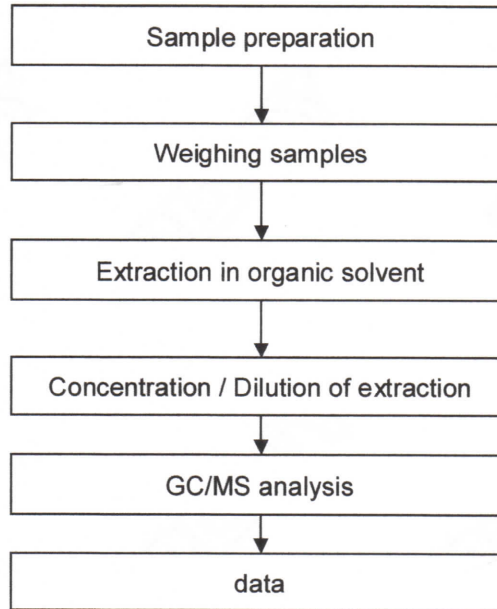
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Phthalate Flow Chart

Tested by: Liao Wenqing
Checked by: Wang Yunxia
Person in charge of the lab: Cao Jia



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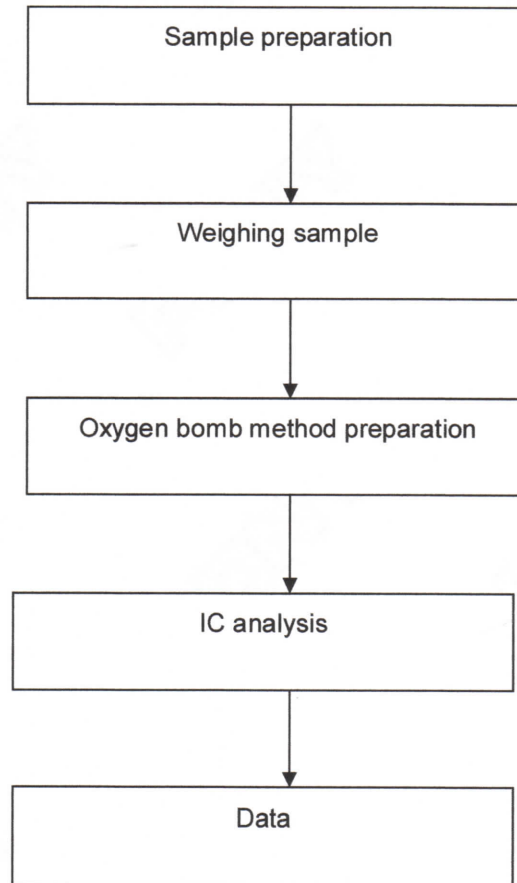
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Halogen measurement flow-chart

Tested by: Gong Kaijie

Checked by: Wang Yunxia

Person in charge of the lab: Cao Jia



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Test Report

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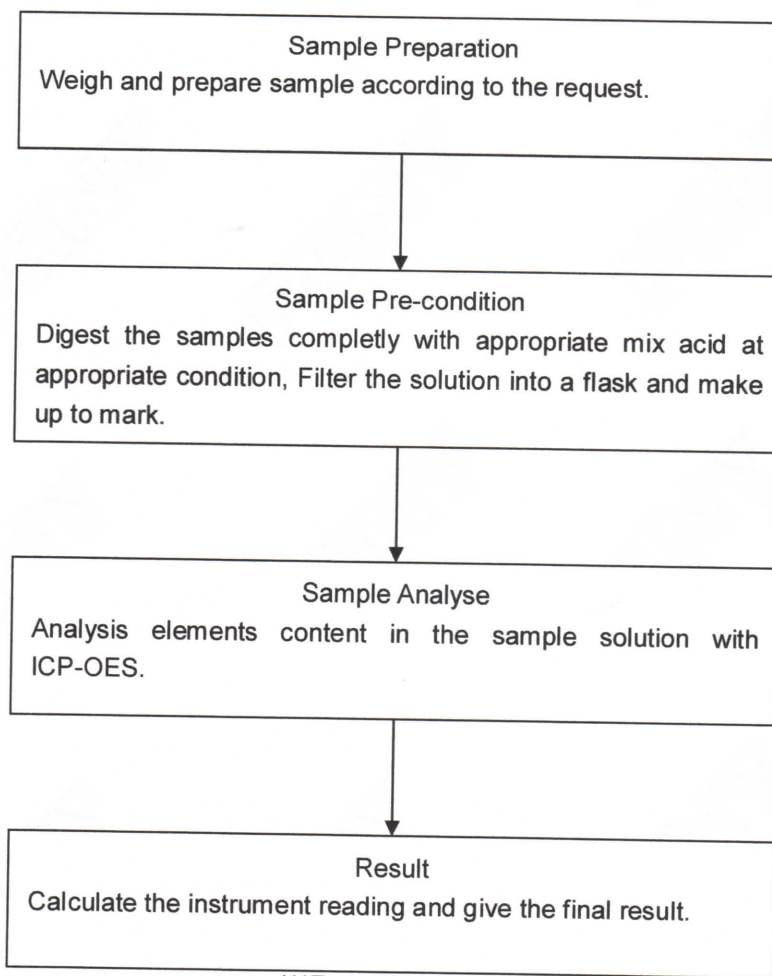
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Element Measurement Flow-chart

Tested by: Liu Liang

Checked by: Wang Yunxia

Person in charge of the lab: Cao Jia



End of Report

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