



Pony Testing International Group

Test Report

NO.: 10050421-056-057

Date: 2010.05.07

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Applicant:

NANTONG FUJITSU MICROELECTRONIC CO.,LTD.

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

Sample Name: TSSOP20-NT

Sample Received Date: 2010.05.04

Testing Period: 2010.05.04 To 2010.05.07

Test Method:

With reference to IEC62321 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 UV

Hexavalent Chromium Analysis is performed By Spot-test/Boiling-water-
extraction Method

(5) PBBs and PBDEs Analysis is performed by GC-MS

With reference to EPA 3540C method,

PFOS,PFOA Analysis is performed by LCMS

Test Result:

Please refer to next page(s)

Approved by:

Eric Cao

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Test Result (Unit: mg/kg) Sample Name and Report No: Black plastic 10050421-057

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
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.	—

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Test Result (Unit: mg/kg) Sample Name and Report No: Silvery metal 10050421-056

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 Name and Report No: Silvery metal 10050421-056

Test Item	MDL	Test Result
PFOS	2	N.D.
PFOA	2	N.D.

Sample Name and Report No: Black plastic 10050421-057

Test Item	MDL	Test Result
PFOS	2	N.D.
PFOA	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 2002/95/EC RoHS Directive & its subsequent amendment Directive 2005/618/EC
 - (6) Spot-test:
Negative = Not Detected of CrVI coating, Positive = Presence of CrVI coating;
(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 coating
Positive = Presence of CrVI coating; the detected concentration in boiling-water-extraction solution is equal or greater than 0.02 mg/kg with 50cm² sample surface area used.

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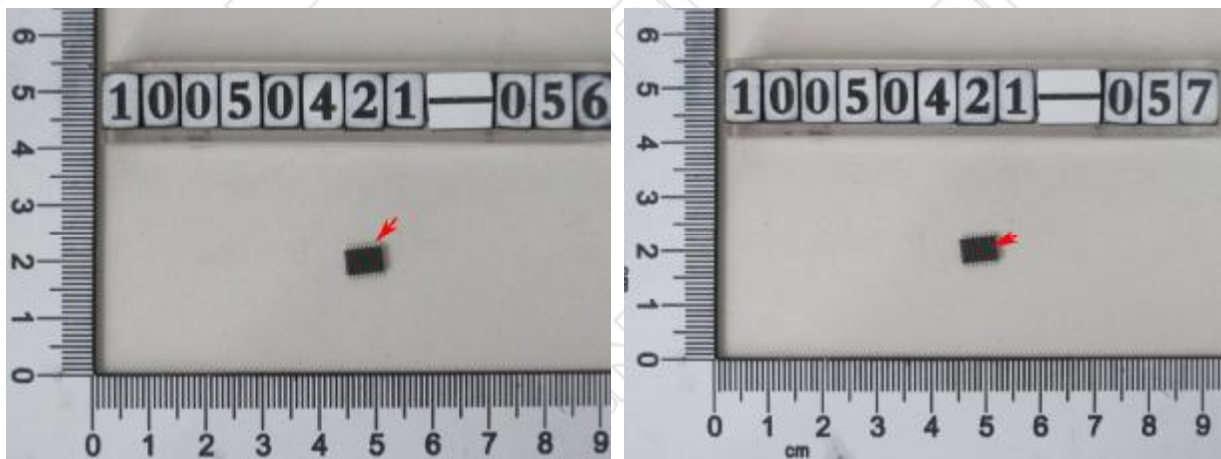
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Photo:



Pony authenticate the photo on original report only

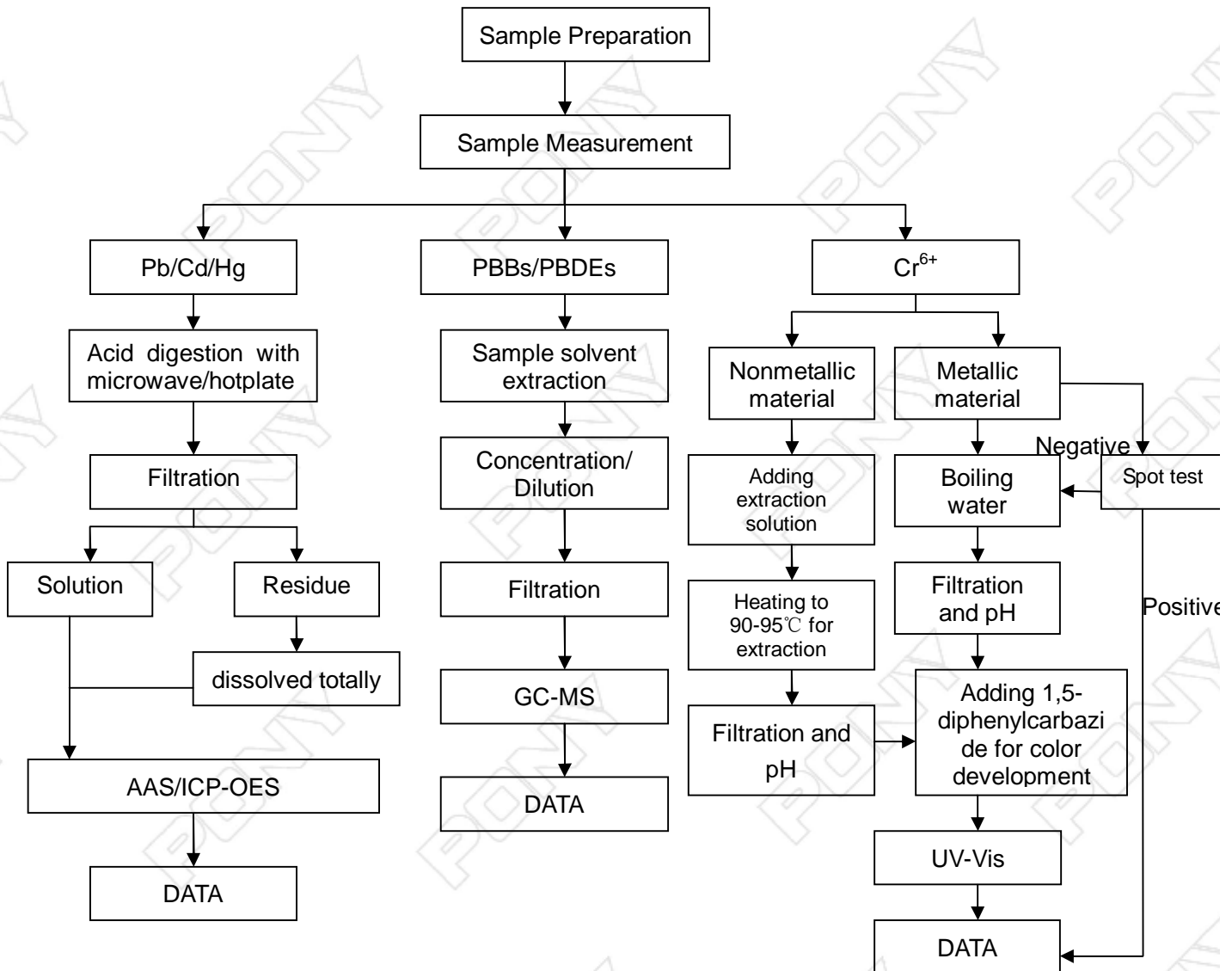
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Measurement Flow-chart

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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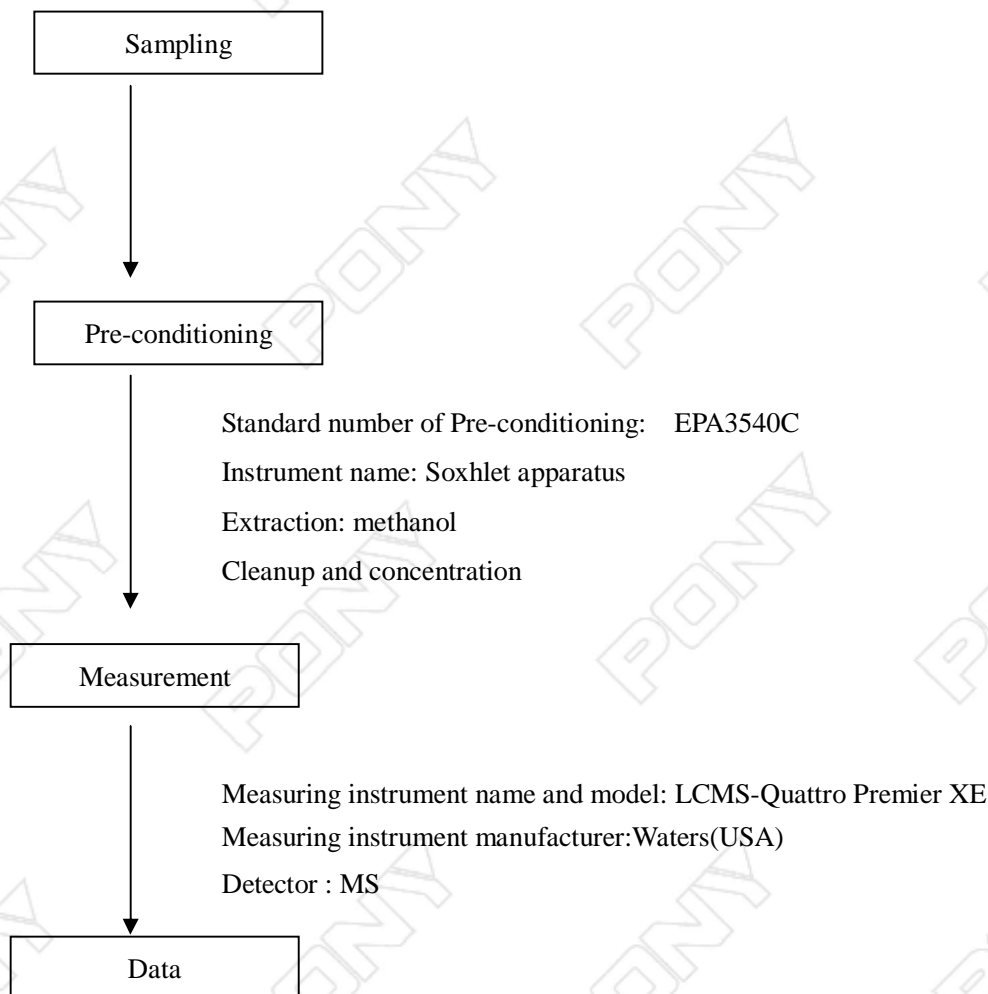
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PFOS,PFOA Measurement Flow-chart



End of Report

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