

No. SHAEC1000616001

Date: 29 Jan 2010

Page 1 of 4

SHANGHAI RICHENG ELECTRONICS CO., LTD SHANGHAI OLD HUMIN ROAD CHINA

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

SGS Job No. :

SP10-002107 - SH

Composition:

METAL

Date of Sample Received:

25 Jan 2010

Testing Period:

25 Jan 2010 - 29 Jan 2010

Test Requested:

Selected test(s) as requested by client.

Test Method:

Please refer to next page(s).

Test Results:

Please refer to next page(s).

Conclusion:

Based on the performed tests on submitted samples, the results comply with the

RoHS Directive 2002/95/EC and its subsequent amendments.

Signed for and on behalf of SGS-CSTC Ltd.

Hao Jinyu, Sandy

Lab Manager

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No. SHAEC1000616001

Date: 29 Jan 2010

Page 2 of 4

Test Results:

Test Part Description:

Specimen No. SGS Sample ID Description

1 SHA10-006160.001 Silver metal

Remarks:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

RoHS Directive 2002/95/EC

Test Method: With reference to IEC 62321:2008

- (1) Determination of Cadmium by ICP-OES.
- (2) Determination of Lead by ICP-OES.
- (3) Determination of Mercury by ICP-OES.
- (4) Determination of Hexavalent Chromium by Spot test / Colorimetric Method using UV-Vis.

Test Item(s)	Limit	Unit	MDL	001
Cadmium (Cd)	100	mg/kg	2	ND
Lead (Pb)	1,000	mg/kg	2	8
Mercury (Hg)	1,000	mg/kg	2	ND
Hexavalent Chromium (CrVI)	20	-	120	Negative

Notes:

- (1) The maximum permissible limit is quoted from the document 2005/618/EC amending RoHS directive 2002/95/EC
- (2) Spot-test:

Negative = Absence 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 is Negative or cannot be confirmed.

Boiling-water-extraction:

Negative = Absence 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 50 cm² sample surface area.

For corrosion protection coatings on metals: Information on storage conditions and production date of the tested sample is unavailable and thus results of Cr(VI) represent status of the sample at the time of testing.

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Whiese others are lated Epigresuits shown in this test report refer only to the sample(s) tested.



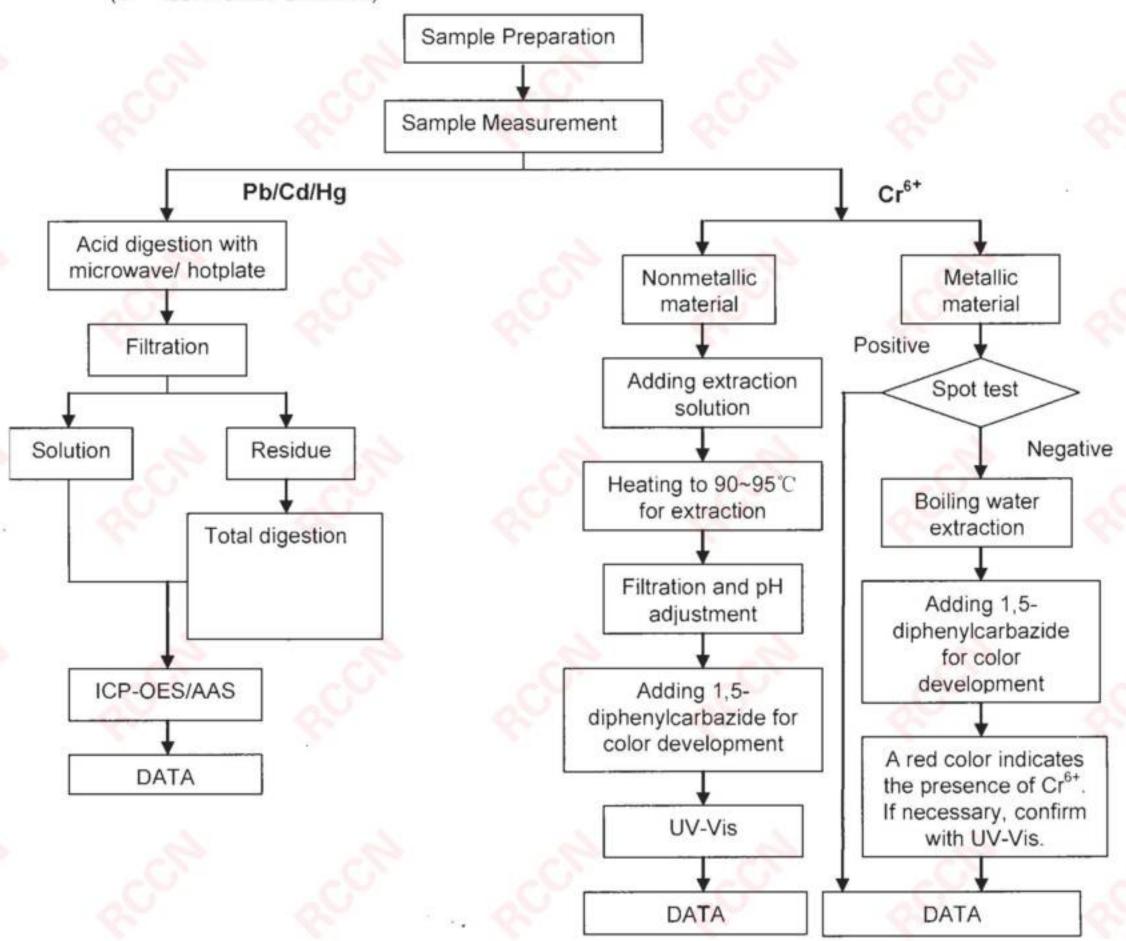
No. SHAEC1000616001

Date: 29 Jan 2010

Page 3 of 4

ATTACHMENTS

- 1) Name of the person who made measurement: Spring Zuo/ Frank Fang
- 2) Name of the person in charge of measurement: Terry Wang
- These samples were dissolved totally by pre-conditioning method according to below flow chart. (Cr⁶⁺ test method excluded)



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No. SHAEC1000616001

Date: 29 Jan 2010

Page 4 of 4

Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***

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