

## Test Report No. F690101/LF-CTSAYAA12-04571

To: KOREA JCC CO., LTD.

57-1 Hyunam-ri Buki-myun Cheongwon-gun Chungbuk Korea

The following merchandise was submitted and identified by the client as:

SGS File No. : AYAA12-04571

Product Name : Cathode Foil

Item No./Part No. : Cathode Foil

**Received Date** : 2012. 02. 02

**Test Period** : 2012. 02. 03 to 2012. 02. 07

**Test Results** : For further details, please refer to following page(s)

**Test Performed** : SGS Korea tested the sample(s) selected by applicant with following results.

SGS Korea Co. Ltd.

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Timothy Jeon Jinhee Kim Cindy Park

**Jerry Jung/ Testing Person** 

Jeff Jang / Chemical Lab Mgr



# Test Report No. F690101/LF-CTSAYAA12-04571

Sample No. : AYAA12-04571.001

Sample Description : Cathode Foil Item No./Part No. : Cathode Foil

Materials : N/A

#### **Heavy Metals**

Test Items	Unit	Test Method	MDL	Results
Cadmium (Cd)	mg/kg	With reference to IEC 62321:2008, ICP	0.5	N.D.
Lead (Pb)	mg/kg	With reference to IEC 62321:2008, ICP	5	N.D.
Mercury (Hg)	mg/kg	With reference to IEC 62321:2008, ICP	2	N.D.
Hexavalent Chromium (Cr VI)	mg/kg	With reference to IEC 62321:2008, UV-VIS	1	N.D.



NOTE: (1) N.D. = Not detected.(<MDL)

(2) mg/kg = ppm

(3) MDL = Method Detection Limit

(4) - = No regulation

(5) \* = 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.

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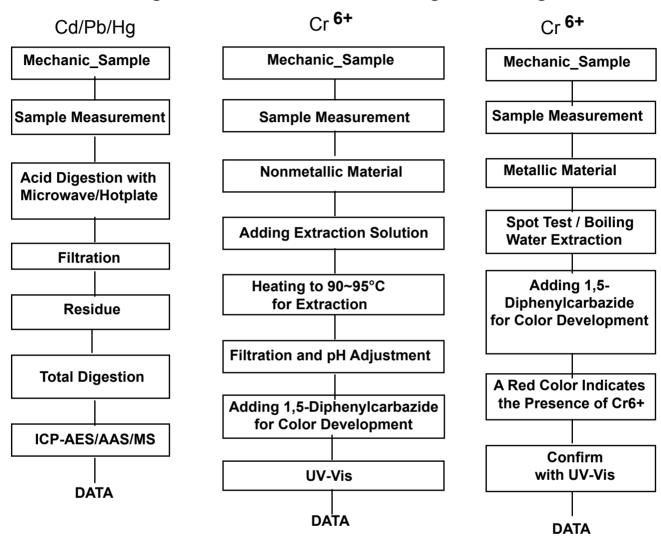
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## Testing Flow Chart for RoHS:Cd/Pb/Hg/Cr6+ Testing



The samples were dissolved totally by pre-conditioning method according to above flow chart for Cd,Pb,Hg. Section Chief: Gilsae Yi

\*\*\* End \*\*\*

NOTE: (1) N.D. = Not detected.(<MDL)

- (2) mg/kg = ppm
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