

## Test Report No. F690101/LF-CTSAYAA11-35449

Issued Date:2011. 11. 04

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### To: KOREA JCC CO., LTD.

57-1 Hyunam-ri Buki-myun Cheongwon-gun Chungbuk 363-922 Korea

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

SGS File No. Product Name Item No./Part No.	: AYAA11-35449 : Cathode Foil : Cathode Foil
<b>Received Date</b>	: 2011. 10. 28
Test Period	: 2011. 10. 31 to 2011. 11. 04
Test Results	: For further details, please refer to following page(s)
Test Performed	: SGS Testing Korea tested the sample(s) selected by applicant with following results.

SGS Korea Co. Ltd.

Teff Jan

Jeff Jang / Chemical Lab Mgr

Timothy Jeon Jinhee Kim Cindy Park Jerry Jung/ Testing Person

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Sample No.	: AYAA11-35449.001
Sample Description	: Cathode Foil
Item No./Part No.	: Cathode Foil
Materials	: N/A

#### Other(s)

Test Items	Unit	Test Method	MDL	Results
4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	mg/kg	In-House method	500	N.D.
Bis(2-methoxyethyl) phthalate	mg/kg	In-House method	500	N.D.
Formaldehyde, oligomeric reaction products with aniline (technical MDA)	mg/kg	In-House method	500	N.D.
2,2'-Dichloro-4,4'-methylenedianiline (MOCA)	mg/kg	In-House method	500	N.D.
1,2-Dichloroethane	mg/kg	In-House method	500	N.D.
N,N-Dimethylacetamide (DMAC)	mg/kg	In-House method	500	N.D.
Bis(2-methoxyethyl) ether	mg/kg	In-House method	500	N.D.
2-Methoxyaniline; o-Anisidine	mg/kg	In-House method	500	N.D.
Phenolphthalein	mg/kg	In-House method	500	N.D.
Dichromium tris(chromate) *	mg/kg	In-House method	50	N.D.
Potassium hydroxyoctaoxodizincatedichromate*	mg/kg	In-House method	50	N.D.
Pentazinc chromate octahydroxide *	mg/kg	In-House method	50	N.D.
Aluminiosilicate, Refractory Ceramic Fibers (RCF)*	mg/kg	In-House method	50	N.D.
Zirconia Aluminiosilicate, Refractory Ceramic Fibers (Zr-RCF)*	mg/kg	In-House method	50	N.D.
Arsenic acid*	mg/kg	In-House method	50	N.D.
Calcium arsenate*	mg/kg	In-House method	50	N.D.
Trilead diarsenate*	mg/kg	In-House method	50	N.D.
Lead diazide*	mg/kg	In-House method	50	N.D.
Lead styphnate*	mg/kg	In-House method	50	N.D.
Lead dipicrate*	mg/kg	In-House method	50	N.D.

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

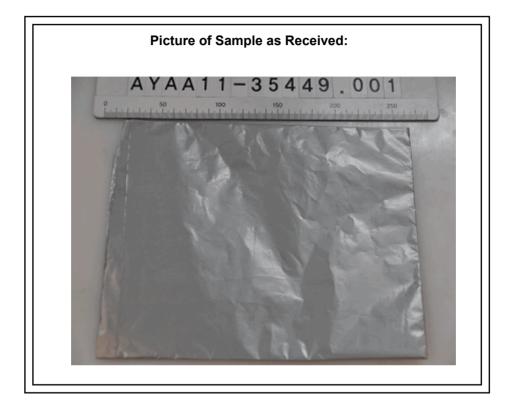
- (2) mg/kg = ppm; 0.1wt%=1000ppm
- (3) MDL = Method Detection Limit
- (4) \* :The substance was calculated by the test results of Tributyl Tin or element. (Ex.Arsenic, Lead, Cr(VI), Cobalt, Chlorine or Boron respectively).

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

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