



**Test Report No. F690501/LF-CTSAYAA09-01454C**

Issued Date: January 20, 2009 Page 1 of 3

To: **DAECHANG INDUSTRIAL CO., LTD.**  
4na 506  
Sihwa ind estate  
Siheung-city  
GYEONGGI-DO  
Korea

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

**Product Name** : BRASS  
**SGS File No.** : AYAA09-01454C  
**Received Date** : January 15, 2009  
**Test Performing Date** : January 16, 2009  
**Test Performed** : SGS Testing Korea tested the sample(s) selected by applicant with following results  
**Test Results** : For further details, please refer to following page(s)  
**Buyer(s)** : SAMSUNG ELECTRONICS,LG,SONY

Pluto Kim  
Monet Jeong  
Billy Oh / Testing Person

SGS Testing Korea Co. Ltd.

Jeff Jang / Chemical Lab Mgr

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**Sample No.** : AYAA09-01454C.001  
**Sample Description** : BRASS  
**Item No./Part No.** : 09-04-00532-1  
**Comments** : Material is C 3604.

**Heavy Metals**

Test Items	Unit	Test Method	MDL	Results
Cadmium (Cd)	mg/kg	With reference to IEC 62321 Ed.1, ICP-OES	0.5	8.90
Lead (Pb)	mg/kg	With reference to IEC 62321 Ed.1, ICP-OES	5	32200
Mercury (Hg)	mg/kg	With reference to IEC 62321 Ed.1, ICP-OES	2	N.D.
Hexavalent Chromium (Cr VI) By boiling water extraction	**	With reference to IEC 62321 Ed.1	-	Negative

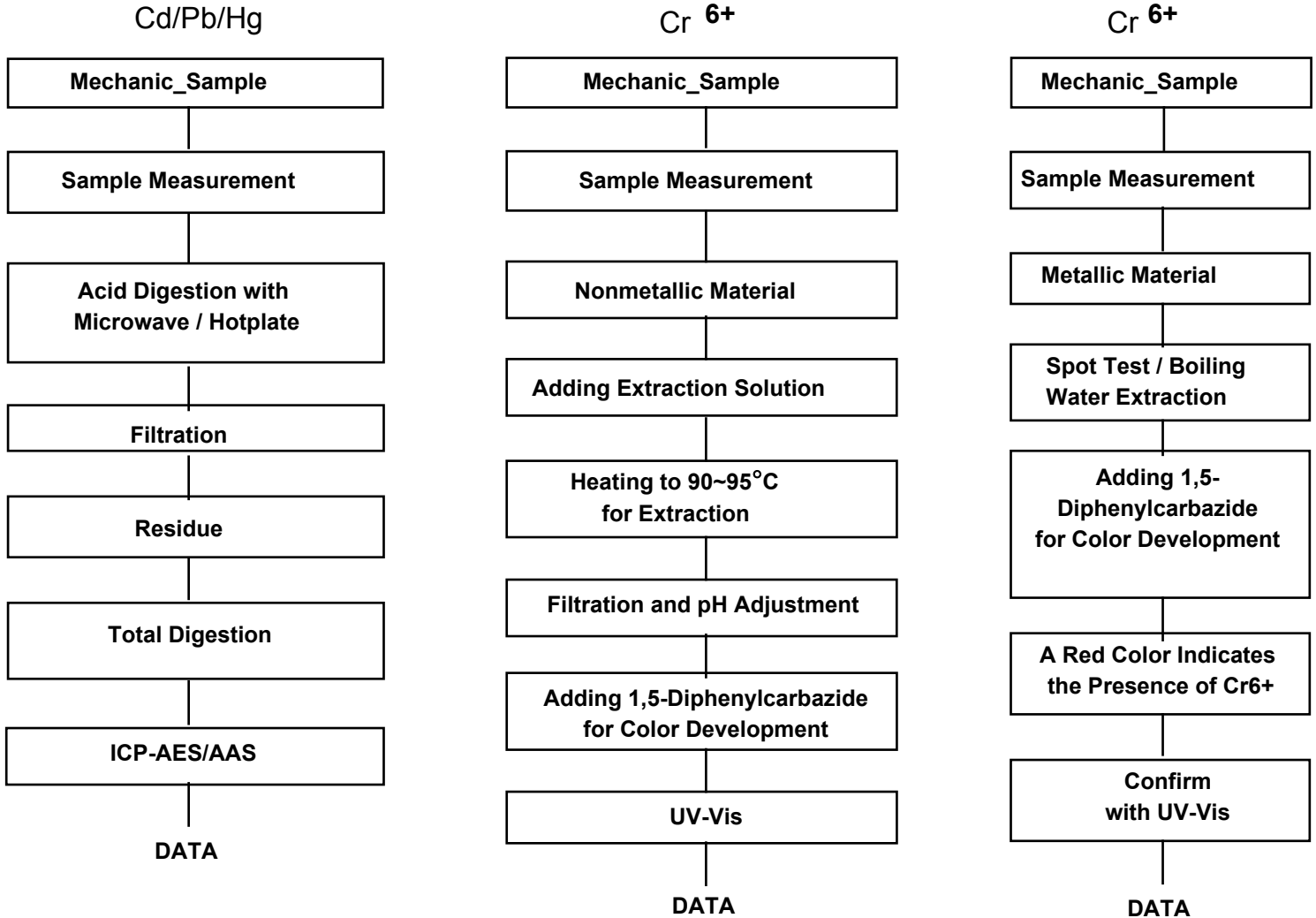
Picture of Sample as Received:



- NOTE:
- (1) N.D. = Not detected.(<MDL)
  - (2) mg/kg = ppm
  - (3) MDL = Method Detection Limit
  - (4) - = No regulation
  - (5) \*\* = Qualitative analysis (No Unit)
  - (6) Negative = Undetectable / Positive = Detectable



Testing Flow Chart for RoHS: Cd/Pb/Hg/Cr<sup>6+</sup> Testing



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

Operator Dami Yeom

Section Chief Jeff Jang

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

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