



## Test Report No. F690101/LF-CTSAYAU12-02548

Issued Date: 2012. 05. 15 Page 1 of 3

To: KUMHO PETROCHEMICAL CO., LTD.  
#680,  
Sanggae-dong,  
Nam-gu,  
ULSAN  
KOREA

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

**SGS File No.** : AYAU12-02548  
**Product Name** : KUMHO 1721  
**Item No./Part No.** : N/A  
**Received Date** : 2012. 05. 10  
**Test Period** : 2012. 05. 11 to 2012. 05. 15  
**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. / Gimhae Laboratory**

Sharpless Park  
Jonadan Lee  
Taehee Kang  
Jongsir Lim/Testing Person

**Thomas Hwang / Gimhae Lab. Mgr**



## Test Report No. F690101/LF-CTSAYAU12-02548

Issued Date: 2012. 05. 15 Page 2 of 3

Sample No. : AYAU12-02548.001

Sample Description : KUMHO 1721

Item No./Part No. : N/A

Materials : N/A

### Heavy Metals

Test Items	Unit	Test Method	MDL	Results
Cadmium (Cd)	mg/kg	With reference to IEC 62321:2008, ICP	1	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.

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) Negative = Undetectable / Positive = Detectable

(6) \*\* = Qualitative analysis (No Unit)

(7) \* = Boiling-water-extraction:

Negative = Absence of CrVI coating

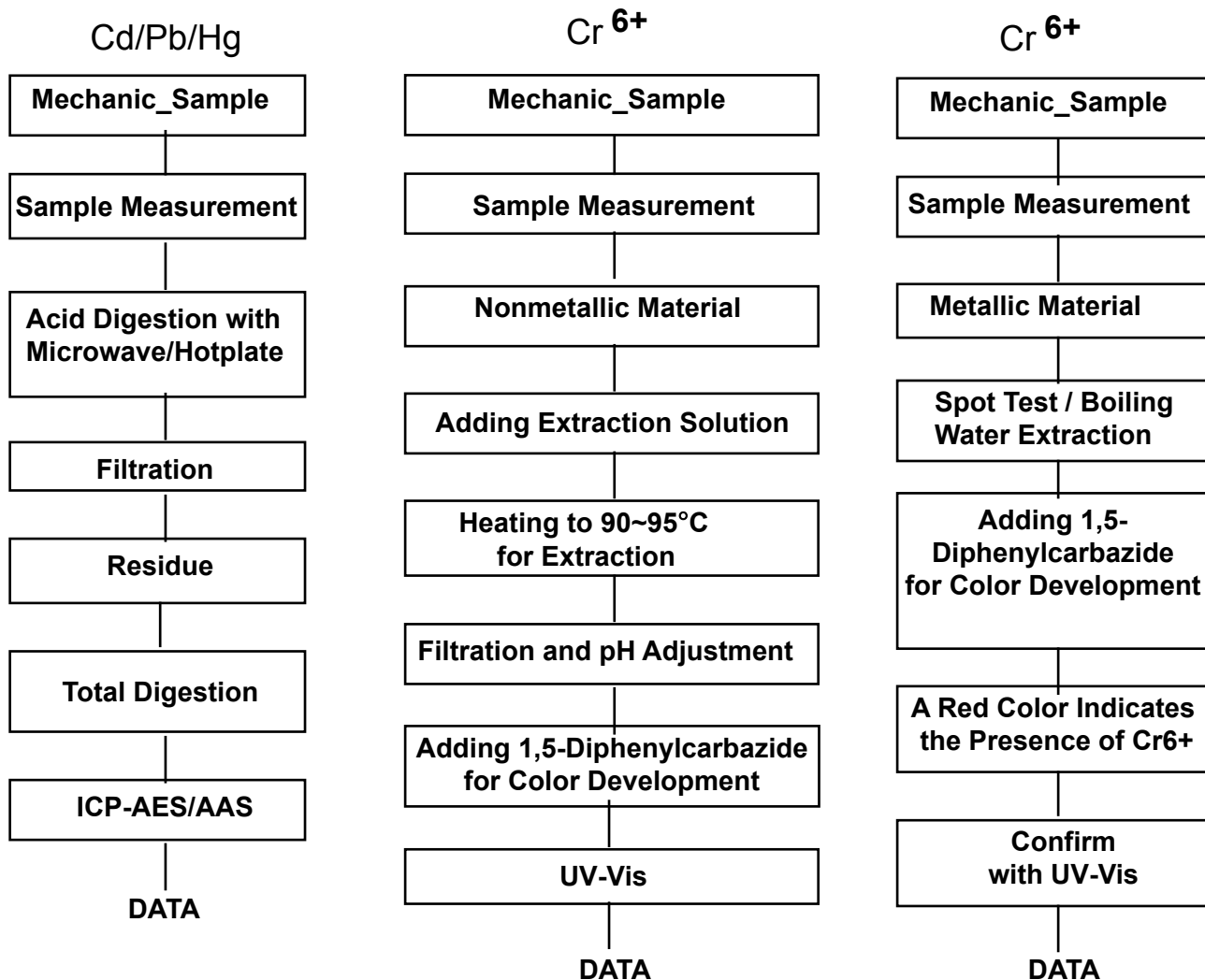
Positive = Presence of CrVI coating; the detected concentration in boiling-water-extraction solution is equal or greater than 0.02 mg/kg with 50 cm<sup>2</sup> sample surface area.

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Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 180 days only.



### 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.  
Section Chief : Sharpless Park

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

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(7) \* = 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 cm<sup>2</sup> sample surface area.