



Test Report No. F690101/LF-CTSAYAU12-02545

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. : AYAU12-02545
Product Name : KUMHO 1793
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-CTSAYAU12-02545

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

Sample No. : AYAU12-02545.001

Sample Description : KUMHO 1793

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)

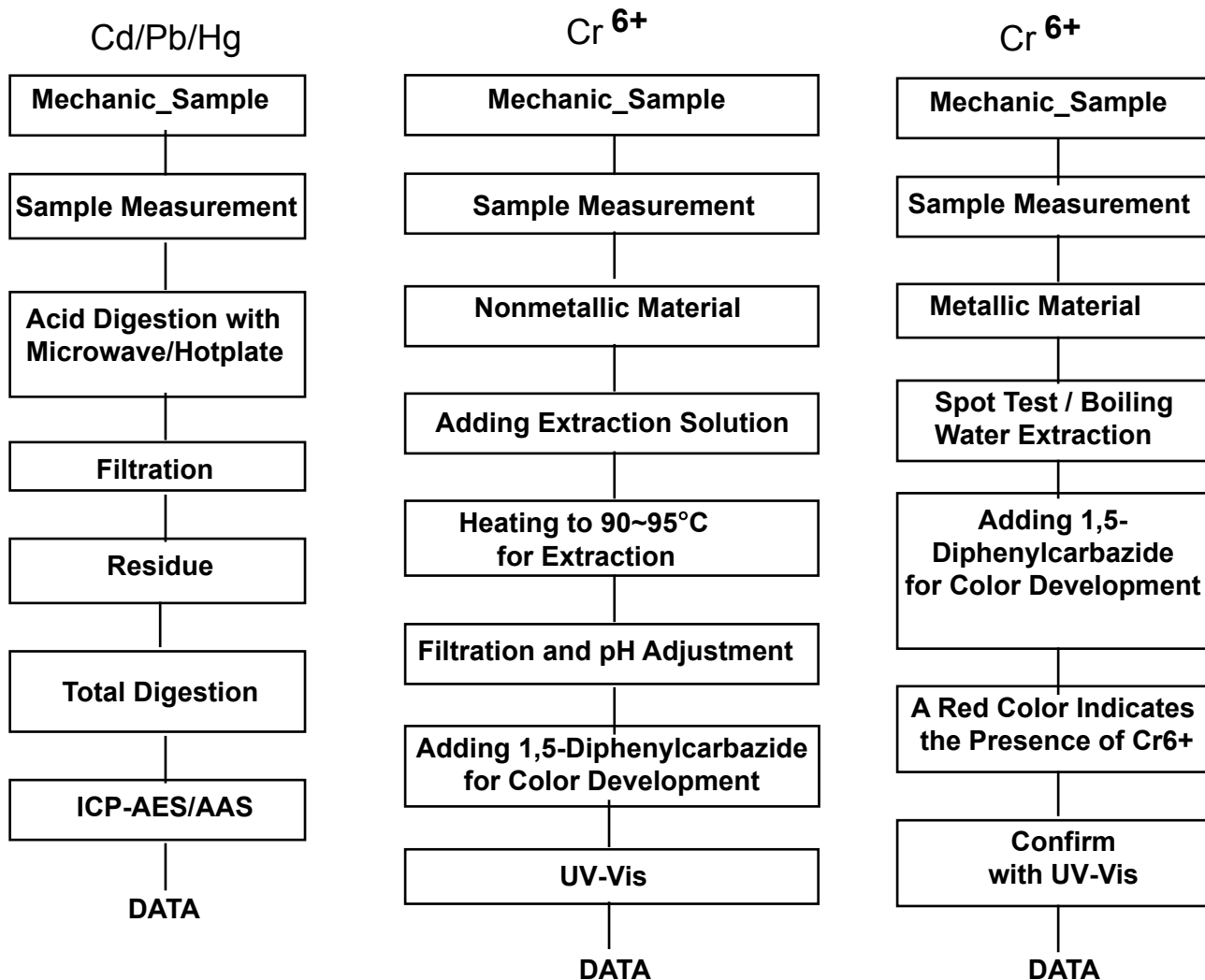
(7) * = Boiling-water-extraction:

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 cm² sample surface area.



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 : Sharpless Park

*** End ***

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 cm² sample surface area.