

Test Report

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The following sample(s) was/were submitted and identified by/on behalf of the client as :

Sample Description :
 Buyer/Order No. :
 Sample Receiving Date : 2010/06/02
 Testing Period : 2010/06/02 TO 2010/06/07

Test Requested : In accordance with the RoHS Directive 2002/95/EC, and its amendment directives.

Test Method : With reference to IEC 62321: 2008
 Procedures for the Determination of Levels of Regulated Substances in Electrotechnical Products:

- (1) Determination of Cadmium by ICP-AES.
- (2) Determination of Lead by ICP-AES.
- (3) Determination of Mercury by ICP-AES.
- (4) Determination of Hexavalent Chromium by boiling water extraction (UV-VIS) Method.

Test Result(s) : Please refer to next page(s).

Conclusion : Based upon the performed tests by submitted samples, the test results of Cadmium, Lead, Mercury and Hexavalent Chromium Cr(VI)s comply with the limits of RoHS Directive 2002/95/EC and its subsequent amendments.



Nicole Chien / Supervisor
 Signed for and on behalf of
SGS TAIWAN LTD.
 Chemical Laboratory - Taipei

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Test results by chemical method (Unit: mg/kg)

Test Item (s):	Method (Refer to)	Result	MDL	RoHS Limit
		No. 1		
Cadmium (Cd)	(1)	n.d.	2	100
Lead (Pb)	(2)	n.d.	2	1000
Mercury (Hg)	(3)	n.d.	2	1000
Hexavalent Chromium Cr(VI) by boiling water extraction (See Note 4)	(4)	n.d.	2	1000

TEST PART DESCRIPTION:

NO.1 : GOLDEN COLORED METAL

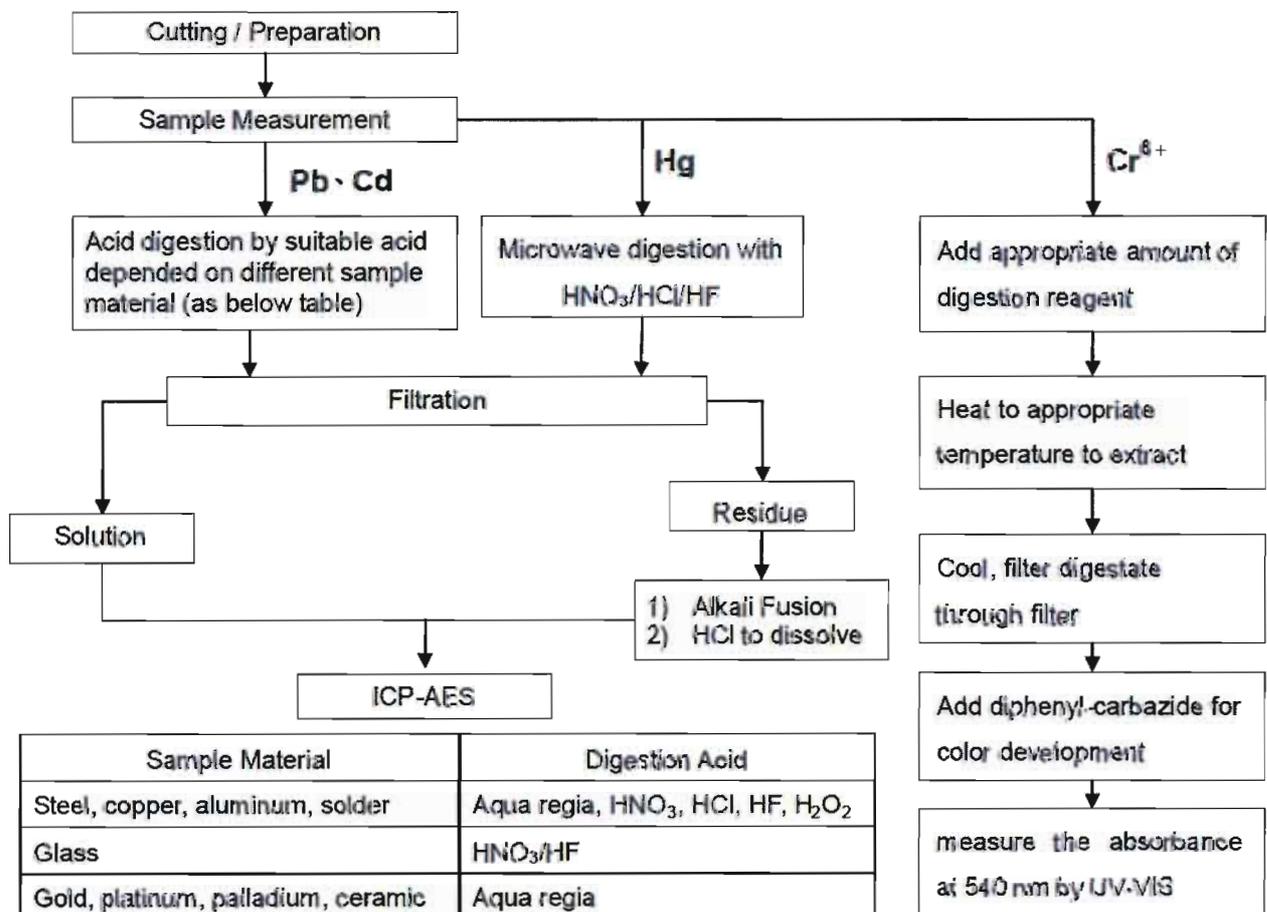
Note :

1. mg/kg = ppm ; 0.1wt% = 1000ppm
2. n.d. = Not Detected
3. MDL = Method Detection Limit
4. Test process and/or expression of test result have been specified by client.

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- 1) These samples were dissolved totally by pre-conditioning method according to below flow chart. (Cr⁶⁺ test method excluded)
- 2) Name of the person who made measurement: Climbgreat Yang
- 3) Name of the person in charge of measurement: Troy Chang



Sample Material	Digestion Acid
Steel, copper, aluminum, solder	Aqua regia, HNO ₃ , HCl, HF, H ₂ O ₂
Glass	HNO ₃ /HF
Gold, platinum, palladium, ceramic	Aqua regia
Silver	HNO ₃
Plastic	H ₂ SO ₄ , H ₂ O ₂ , HNO ₃ , HCl
Others	Any acid to total digestion

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**** End of Report ****

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