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Test Report

TAK CHEONG ELECTRONICS SHANWEI CO., LTD.
BUBIAN INDUSTRIAL ZONE, SHANWEI CITY, GUANGDONG, PRC

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

Sample Description : MELF PRODUCT (LL34/LL41/SOD80C)
SGS Ref No. : SZ12285205-4.2
Sample Receiving Date : 2009/12/07
Testing Period : 2009/12/07 TO 2009/12/11

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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 Spot test / boiling water extraction Method.

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

Nicole Chien

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**
		No.1	
Cadmium (Cd)	(1)	n.d.	2
Lead (Pb)	(2)	n.d.	2
Mercury (Hg)	(3)	n.d.	2
Hexavalent Chromium Cr(VI) by Spot test / boiling water extraction	(4)	Negative	See Note 4

TEST PART DESCRIPTION:

NO.1 : SILVER COLORED METAL (INCLUDING THE PLATING LAYER) (THREE TYPES)

Note： 1. mg/kg = ppm; 0.1wt% = 1000ppm

2. n.d. = Not Detected
3. MDL = Method Detection Limit
4. Spot-test:
   Negative = Absence of Cr(VI) coating / surface layer,
   Positive = Presence of Cr(VI) coating / surface layer;
   (The tested sample should be further verified by boiling-water-extraction method if the spot test result cannot be confirmed.)

   Boiling-water-extraction:
   Negative = Absence of Cr(VI) coating / surface layer.
   Positive = Presence of Cr(VI) coating / surface layer;
   the detected concentration in boiling-water-extraction solution is equal or greater than 0.02 mg/kg with 50 cm^2 sample surface area.

5. The sample(s) was/were analyzed on behalf of the applicant as mixing sample in one testing. The above result(s) was/were only given as the informality value.

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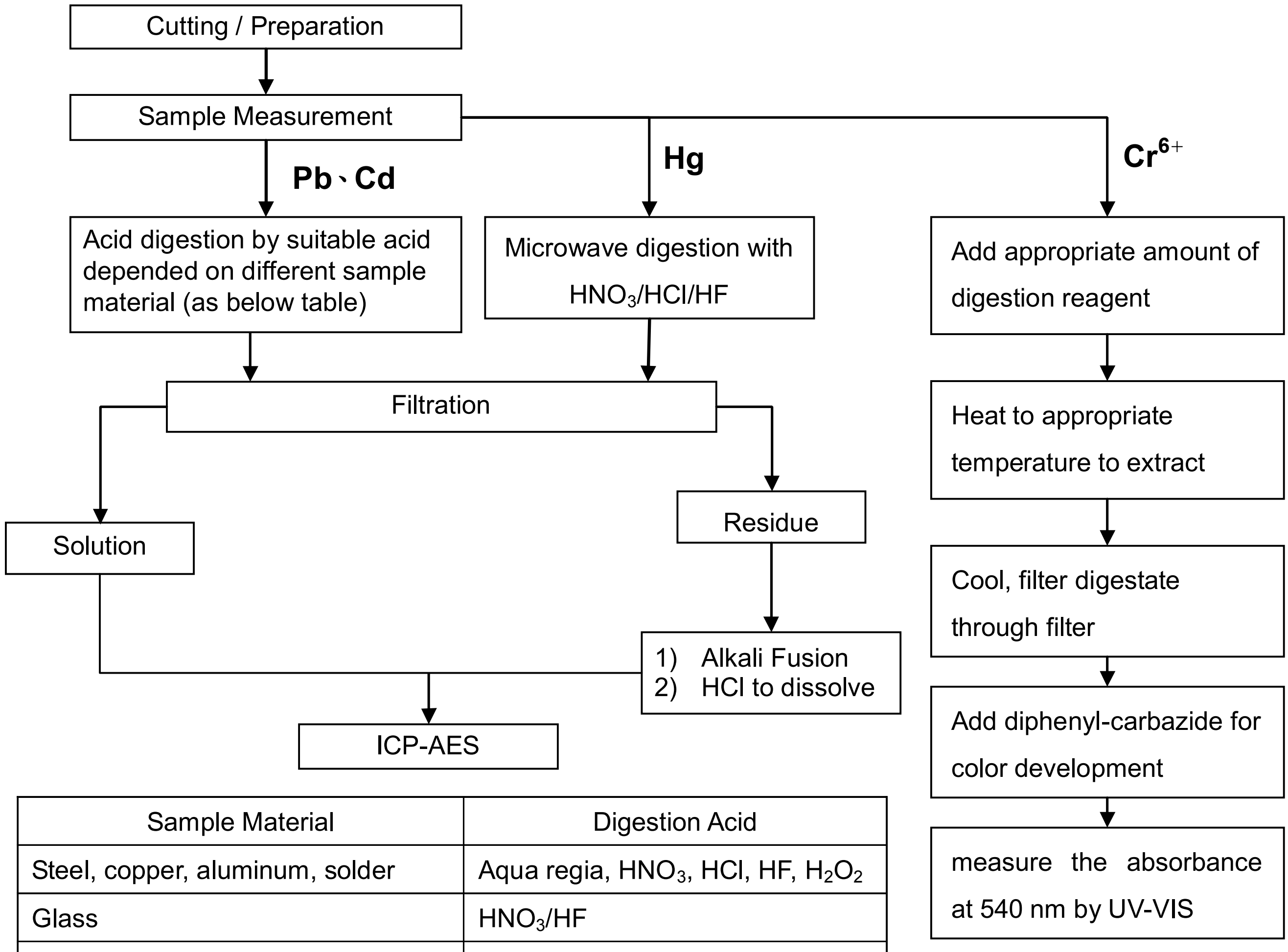
1) These samples were dissolved totally by pre-conditioning method according to below flow chart. （Cr^{6+} test method excluded）
2) Name of the person who made measurement: Climbgreat Yang
3) Name of the person in charge of measurement: Troy Chang



Sample Material	Digestion Acid
Steel, copper, aluminum, solder	Aqua regia, HNO_3, HCl, HF, H_2O_2
Glass	HNO_3/HF
Gold, platinum, palladium, ceramic	Aqua regia
Silver	HNO_3
Plastic	H_2SO_4, H_2O_2, HNO_3, HCl
Others	Any acid to total digestion

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** End of Report **

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