

Test Report

No. : CE/2008/76187A Date : 2008/07/31 Page : 1 of 6

EPSON TAIWAN TECHNOLOGY & TRADING LTD.
14F, NO. 7, SONG REN ROAD, TAIPEI 110, TAIWAN, R. O. C.



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

Sample Description	:	CASE
Style/Item No.	:	CASE
Sample Receiving Date	:	2008/07/22
Testing Period	:	2008/07/22 TO 2008/07/25 AND 2008/07/29 TO 2008/07/31

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

Chenyu Kung / Operation Manager
Signed for and on behalf of
SGS TAIWAN LTD.
Chemical Laboratory – Taipei

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Test Report

No. : CE/2008/76187A Date : 2008/07/31 Page : 2 of 6

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Test Result(s)

PART NAME NO.1 : PLATING LAYER OF SILVER COLORED METAL
PART NAME NO.2 : BASE MATERIAL OF SILVER COLORED METAL

Test Item (s):	Unit	Method	MDL	Result	
				No.1	No.2
Cadmium (Cd)	mg/kg	With reference to IEC 62321/2nd CDV (111/95/CDV). Determination of Cadmium by ICP-AES.	2	n.d.	n.d.
Lead (Pb)	mg/kg	With reference to IEC 62321/2nd CDV (111/95/CDV). Determination of Lead by ICP-AES.	2	n.d.	n.d.
Mercury (Hg)	mg/kg	With reference to IEC 62321/2nd CDV (111/95/CDV). Determination of Mercury by ICP-AES.	2	n.d.	n.d.
Hexavalent Chromium Cr(VI) by Spot test / boiling water extraction	**	With reference to IEC 62321/2nd CDV (111/95/CDV). Determination of Hexavalent Chromium for metallic samples by Spot test / boiling water extraction Method. (See Note 5)	0.02mg/kg with 50 cm ² surface area	Negative	Negative
PFOS	mg/kg	With reference to US EPA 3540C : 1996 method for PFOS Content. Analysis was performed by LC/MS.	10	n.d.	n.d.

- Note : 1. mg/kg = ppm
2. n.d. = Not Detected
3. MDL = Method Detection Limit
4. ** = Qualitative analysis (No Unit)
5. 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 cm² sample surface area.

6. This report supersedes all pervious documents bearing the test report number CE/2008/76187.

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Test Report

No. : CE/2008/76187A Date : 2008/07/31 Page : 3 of 6

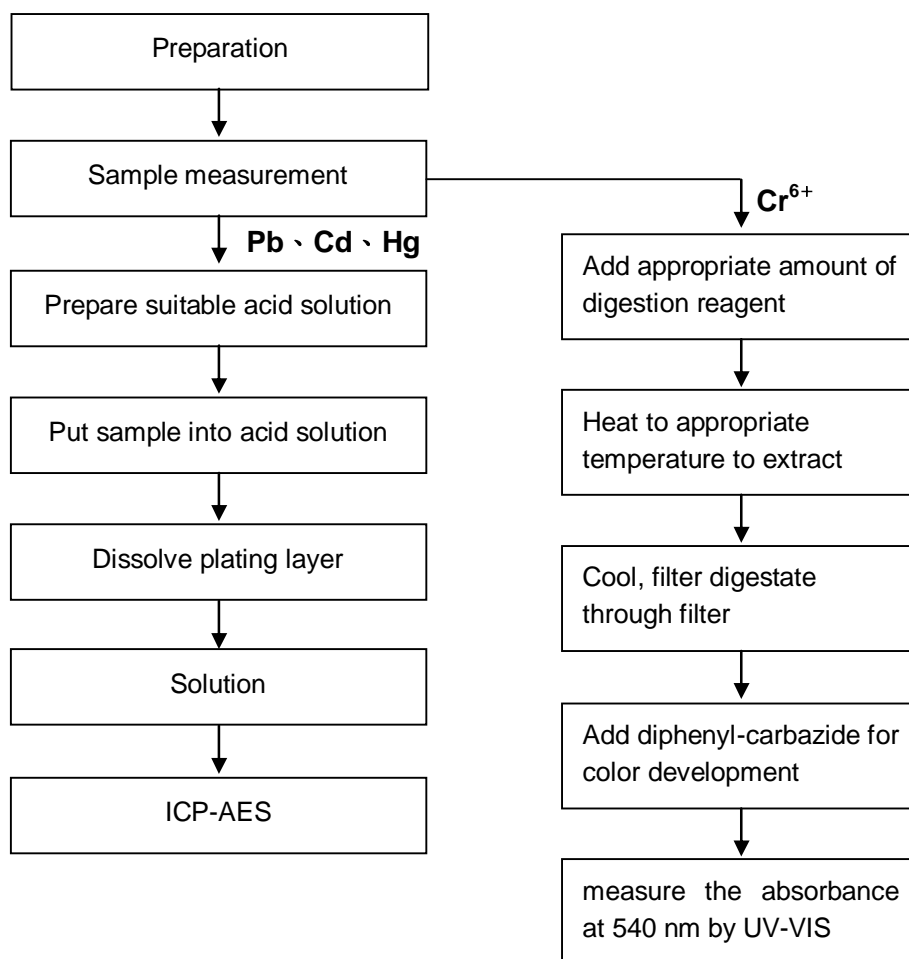
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PART NAME NO.1

- 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

Flow Chart of Stripping method for metal analysis



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Test Report

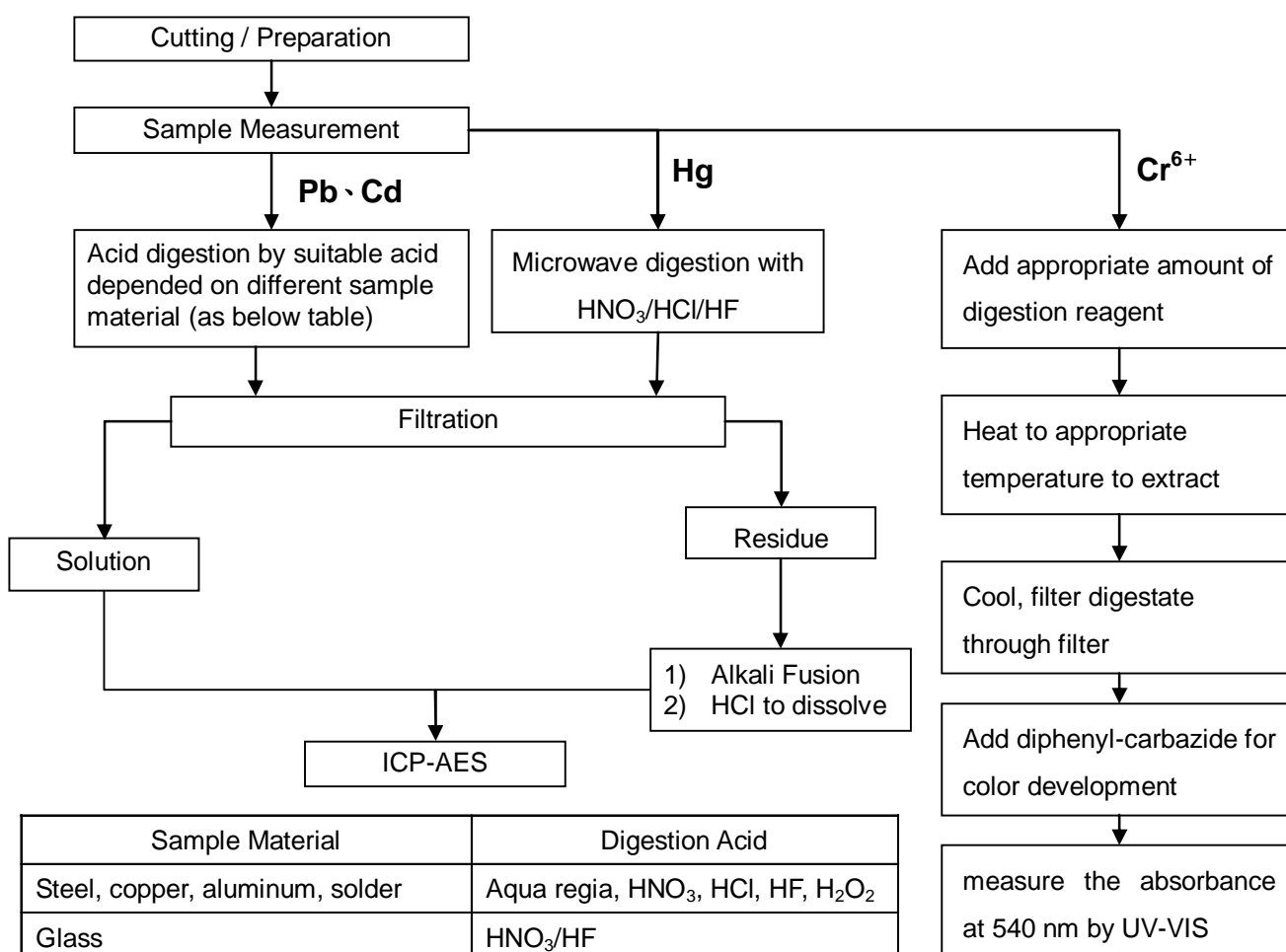
No. : CE/2008/76187A Date : 2008/07/31 Page : 4 of 6

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14F, NO. 7, SONG REN ROAD, TAIPEI 110, TAIWAN, R. O. C.



PART NAME NO.2

- 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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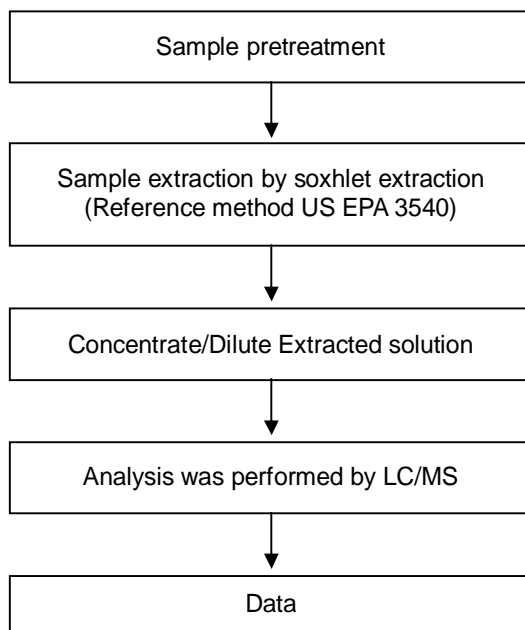
No. : CE/2008/76187A Date : 2008/07/31 Page : 5 of 6

EPSON TAIWAN TECHNOLOGY & TRADING LTD.
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Analytical flow chart of PFOA/PFOS content

- 1) Name of the person who made measurement: Carrie Liu
- 2) Name of the person in charge of measurement: Shinjyh Chen



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Test Report

No. : CE/2008/76187A Date : 2008/07/31 Page : 6 of 6

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** End of Report **

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