

測試報告 Test Report

號碼(No.): CE/2010/74171

日期(Date): 2010/07/27

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亨將精密工業股份有限公司

LAYANA COMPANY

彰化市寶蔴路378號

NO. 378, PAO BOU ROAD, CHANG HUA CITY, TAIWAN



以下測試樣品係由客戶送樣，且由客戶聲稱並經客戶確認如下 (The following samples was/were submitted and identified by/on behalf of the client as):

樣品名稱(Sample Description) : 台灣湯 (TAIWAN SPOON)
收件日期(Sample Receiving Date) : 2010/07/21
測試期間(Testing Period) : 2010/07/21 TO 2010/07/27

=====
測試需求(Test Requested) : 參照 RoHS 2002/95/EC 及其修定指令要求。 (In accordance with the RoHS Directive 2002/95/EC, and its amendment directives).

測試方法(Test Method) : 參考IEC 62321: 2008方法檢測。 (With reference to IEC 62321: 2008. Procedures for the Determination of Levels of Regulated Substances in Electrotechnical Products).

- (1) 以感應耦合電漿原子發射光譜儀檢測鎘含量。 / Determination of Cadmium by ICP-AES.
- (2) 以感應耦合電漿原子發射光譜儀檢測鉛含量。 / Determination of Lead by ICP-AES.
- (3) 以感應耦合電漿原子發射光譜儀檢測汞含量。 / Determination of Mercury by ICP-AES.
- (4) 以Spot test / boiling water extraction方法檢測六價鉻含量。 / Determination of Hexavalent Chromium by Spot test / boiling water extraction Method.

測試結果(Test Results) : 請見下一頁 (Please refer to next pages).

結論(Conclusion) : 根據客戶所提供的樣品，其鎘、鉛、汞及六價鉻的測試結果符合RoHS(2002/95/EC)及其修定指令之要求 (Based upon the performed tests by submitted samples, the test results of Cadmium, Lead, Mercury and Hexavalent Chromium Cr(VI) **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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測試結果(Test Results) 單位(Unit): mg/kg

測試項目 (Test Items)	測試方法 Method (Refer to)	結果 (Result)	方法偵測 極限值 (MDL)	RoHS 限值 (Limit)
		No.1		
鎘 / Cadmium (Cd)	(1)	n.d.	2	100
鉛 / Lead (Pb)	(2)	n.d.	2	1000
汞 / Mercury (Hg)	(3)	n.d.	2	1000
六價鉻 / Hexavalent Chromium Cr(VI) by Spot test / boiling water extraction	(4)	Negative	See Note 4	#

測試部位描述 (TEST PART DESCRIPTION):

NO.1 : 銀色金屬 (SILVER COLORED METAL)

備註(Note):

1. mg/kg = ppm ; 0.1wt% = 1000ppm
2. n.d. = Not Detected (未檢出)
3. MDL = Method Detection Limit (方法偵測極限值)
4. Spot-test:

Negative = Absence of Cr(VI) coating / surface layer(鍍層中偵測不到六價鉻),

Positive = Presence of Cr(VI) coating / surface layer(鍍層中偵測到六價鉻);

The tested sample should be further verified by boiling-water-extraction method if the spot test result cannot be confirmed. (當該測項無法確認時, 測試樣品可藉由boiling-water-extraction測試方法進一步確認)

Boiling-water-extraction:

Negative = Absence of Cr(VI) coating / surface layer(鍍層中偵測不到六價鉻),

Positive = Presence of Cr(VI) coating / surface layer(鍍層中偵測到六價鉻);

The detected concentration in boiling-water-extraction solution is equal or greater than 0.02 mg/kg with 50 cm² sample surface area. / 該溶液濃度 \geq 0.02 mg/kg with 50 cm² (sample surface area)

5. # = Positive indicates the presence of Cr(VI) on the tested areas and result be regarded as not comply with RoHS requirement. (Positive表示測試區域之六價鉻不符合RoHS要求)

Negative indicates the absence of Cr(VI) on the tested areas and result be regarded as comply with

RoHS requirement. (Negative表示測試區域之六價鉻符合RoHS要求)

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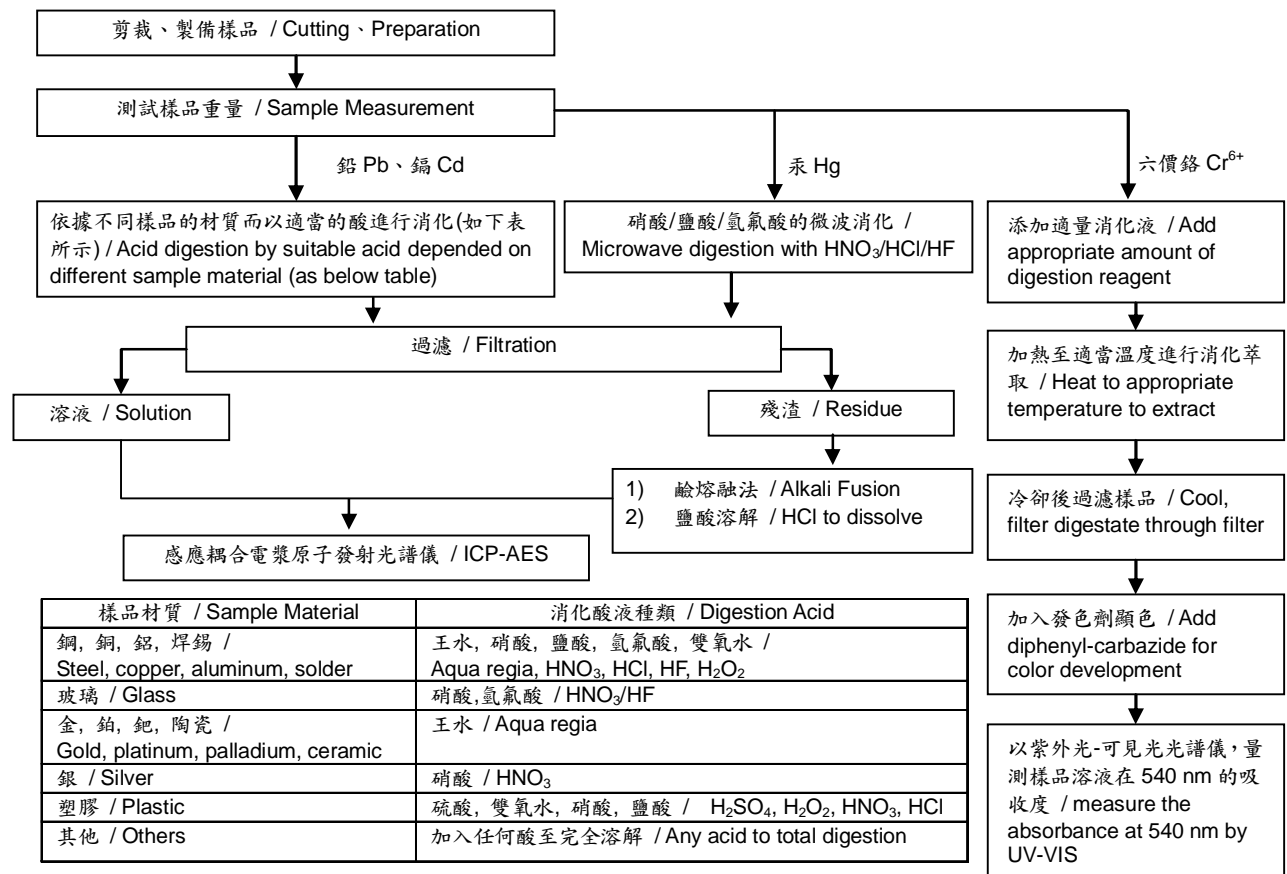
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- 1) 根據以下的流程圖之條件，樣品已完全溶解。(六價鉻測試方法除外) / These samples were dissolved totally by pre-conditioning method according to below flow chart. (Cr⁶⁺ test method excluded)
- 2) 測試人員：楊登偉 / Name of the person who made measurement: Climbgreat Yang
- 3) 測試負責人：張啓興 / Name of the person in charge of measurement: Troy Chang



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** 報告結尾(End of Report) **

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