

## 測試報告

號碼：KA/2013/40955A-01

日期：2013/04/19

頁數：1 of 4

豪訊實業有限公司  
高雄市大樹區竹寮路211號

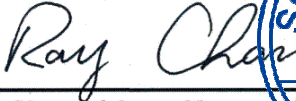
以下測試樣品係由客戶送樣，且由客戶聲稱並經客戶確認如下：

樣品名稱：BRASS TIN-PLATE FOR TERMINAL  
樣品型號：BRASS TIN-PLATE/PHOSPHOR BRONZE TIN-PLATED  
收件日期：2013/04/15  
測試期間：2013/04/15 TO 2013/04/19  
送樣廠商：豪訊實業有限公司

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測試需求：依據客戶指定，進行鎳，鉛，汞，六價鉻測試。

測試方法：參考IEC 62321：2008方法。

測試結果：請見下一頁。

  
Ray Chang / Asst. Manager  
Signed for and on behalf of  
SGS Taiwan Limited



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頁數：2 of 4

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## 測試結果

測試部位 No.1 : 銀色 BRASS TIN-PLATE FOR TERMINAL

測試項目	單位	測試方法	方法偵測 極限值	結果	法規 限值
				No.1	
鎘	mg/kg	參考IEC 62321: 2008方法, 以感應耦合電漿 原子發射光譜儀(ICP-AES)檢測.	2	n.d.	100
鉛	mg/kg	參考IEC 62321: 2008方法, 以感應耦合電漿 原子發射光譜儀(ICP-AES)檢測.	2	10.3	1000
汞	mg/kg	參考IEC 62321: 2008方法, 以感應耦合電漿 原子發射光譜儀(ICP-AES)檢測.	2	n.d.	1000
六價鉻	**	參考IEC 62321: 2008方法, 以沸水萃取法檢 測.#	#	Negative	#

### 備註：

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. \*\*定性分析(無單位)
5. # = a. Positive表示測試區域偵測到六價鉻  
b. Negative表示測試區域未偵測到六價鉻  
該溶液濃度 $\geq 0.02$  mg/kg with 50 cm<sup>2</sup> (tested areas)
6. 此為2013/04/19所發行KA/2013/40955之加發報告, 原始資料請參考KA/2013/40955.

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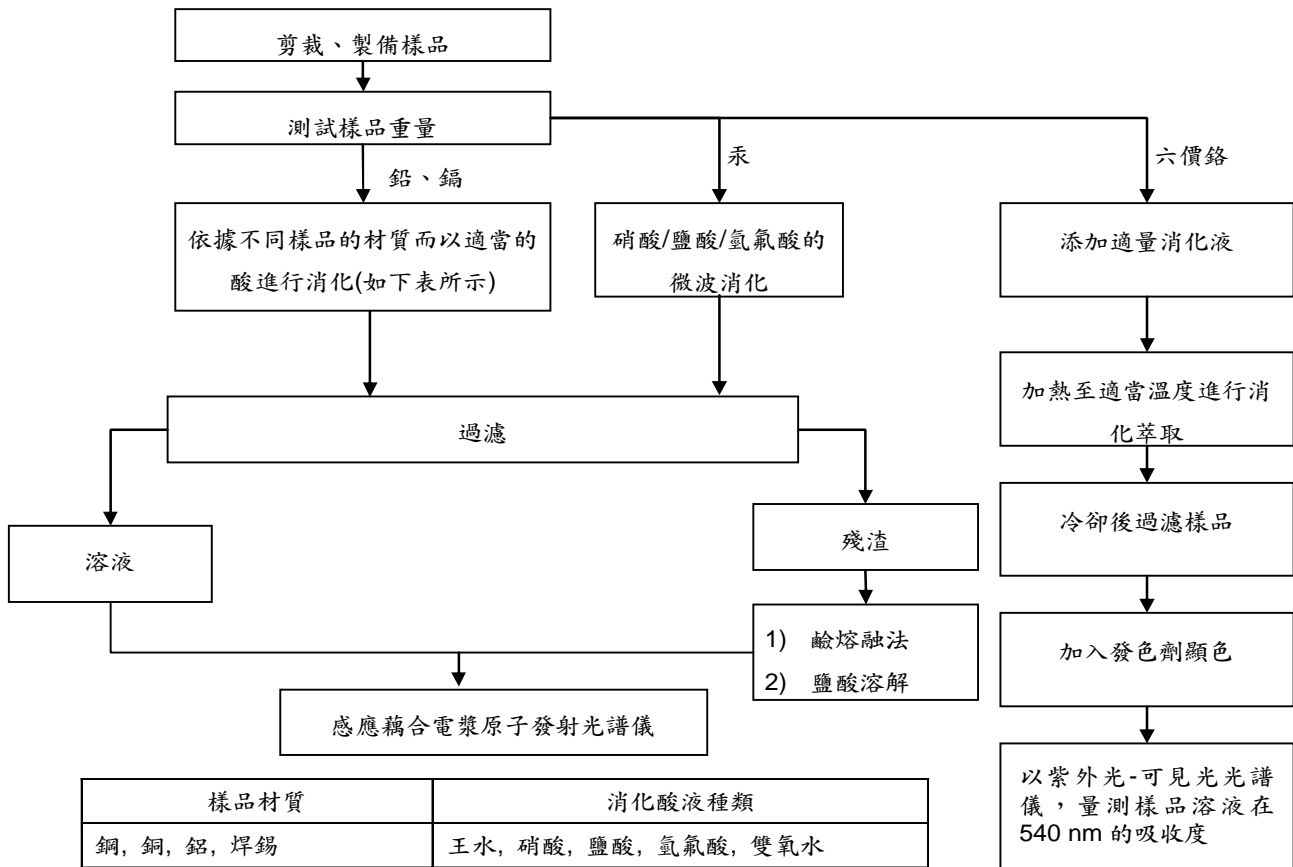
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日期：2013/04/19

頁數：3 of 4

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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)
- 2) 測試人員：張俊雄
- 3) 測試負責人：張伯睿



樣品材質	消化酸液種類
銅, 銅, 鋁, 焊錫	王水, 硝酸, 鹽酸, 氫氟酸, 雙氧水
玻璃	硝酸, 氫氟酸
金, 鉑, 鈀, 陶瓷	王水
銀	硝酸
塑膠	硫酸, 雙氧水, 硝酸, 鹽酸
其他	加入任何酸至完全溶解

**Note\*\*:** (1) 針對非金屬材料加入鹼性消化液，加熱至 90~95°C 萃取。  
(2) 針對金屬材料加入純水，加熱至沸騰萃取。

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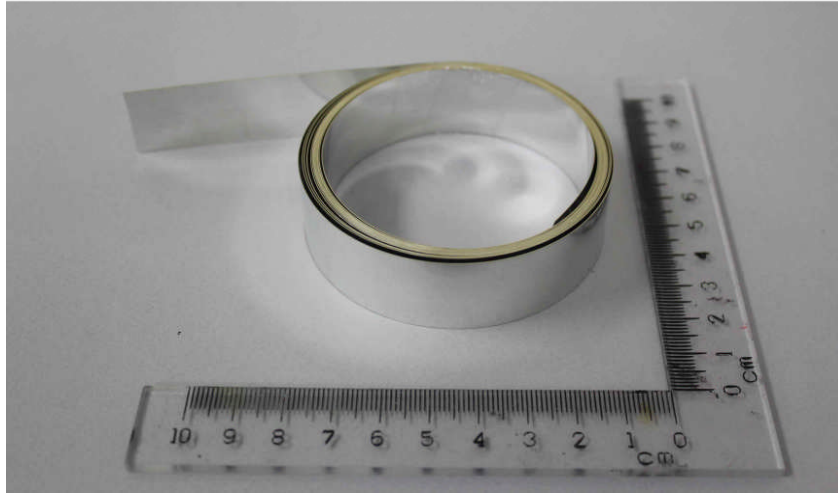
號碼：KA/2013/40955A-01

日期：2013/04/19

頁數：4 of 4

\* 照片中如有箭頭標示，則表示為實際檢測之樣品/部位。 \*

### KA/2013/40955



\*\* 報告結尾 \*\*

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