

試驗報告

號碼：KA/2018/52481

日期：2018/06/07

頁數：1 of 6

村大企業有限公司

台南市本原街一段262巷59之1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：銅本體
收件日期：2018/05/30.
測試期間：2018/05/30 TO 2018/06/07
送樣廠商：村大企業有限公司

=====
測試結果：請見下一頁。

張伯馨
SGS TAIWAN LTD
SGS
報告簽署人/張伯馨 博士/技術經理
TAIWAN

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台南市本原街一段262巷59之1號

測試結果

測試部位 NO. 1 : 銅色/黑色金屬

測試項目	單位	測試方法	方法偵測 極限值	結果
				NO. 1
鎘	mg/kg	參考IEC 62321-5: 2013方法, 以感應耦合電漿原子發射光譜儀(ICP-AES)檢測.	2	9.12
鉛	mg/kg	參考IEC 62321-5: 2013方法, 以感應耦合電漿原子發射光譜儀(ICP-AES)檢測.	2	10100
汞	mg/kg	參考IEC 62321-4: 2013方法, 以感應耦合電漿原子發射光譜儀(ICP-AES)檢測.	2	n. d.
六價鉻(#2)	µg/cm ²	參考IEC 62321-7-1:2015, 以UV-VIS檢測.	0.10	n. d.
多溴聯苯總和	mg/kg	參考IEC 62321-6:2015方法, 以氣相層析/質譜儀(GC/MS)檢測.	-	n. d.
一溴聯苯			5	n. d.
二溴聯苯			5	n. d.
三溴聯苯			5	n. d.
四溴聯苯			5	n. d.
五溴聯苯			5	n. d.
六溴聯苯			5	n. d.
七溴聯苯			5	n. d.
八溴聯苯			5	n. d.
九溴聯苯			5	n. d.
十溴聯苯			5	n. d.
多溴聯苯醚總和	mg/kg	參考IEC 62321-6:2015方法, 以氣相層析/質譜儀(GC/MS)檢測.	-	n. d.
一溴聯苯醚			5	n. d.
二溴聯苯醚			5	n. d.
三溴聯苯醚			5	n. d.
四溴聯苯醚			5	n. d.
五溴聯苯醚			5	n. d.
六溴聯苯醚			5	n. d.
七溴聯苯醚			5	n. d.
八溴聯苯醚			5	n. d.
九溴聯苯醚			5	n. d.
十溴聯苯醚			5	n. d.

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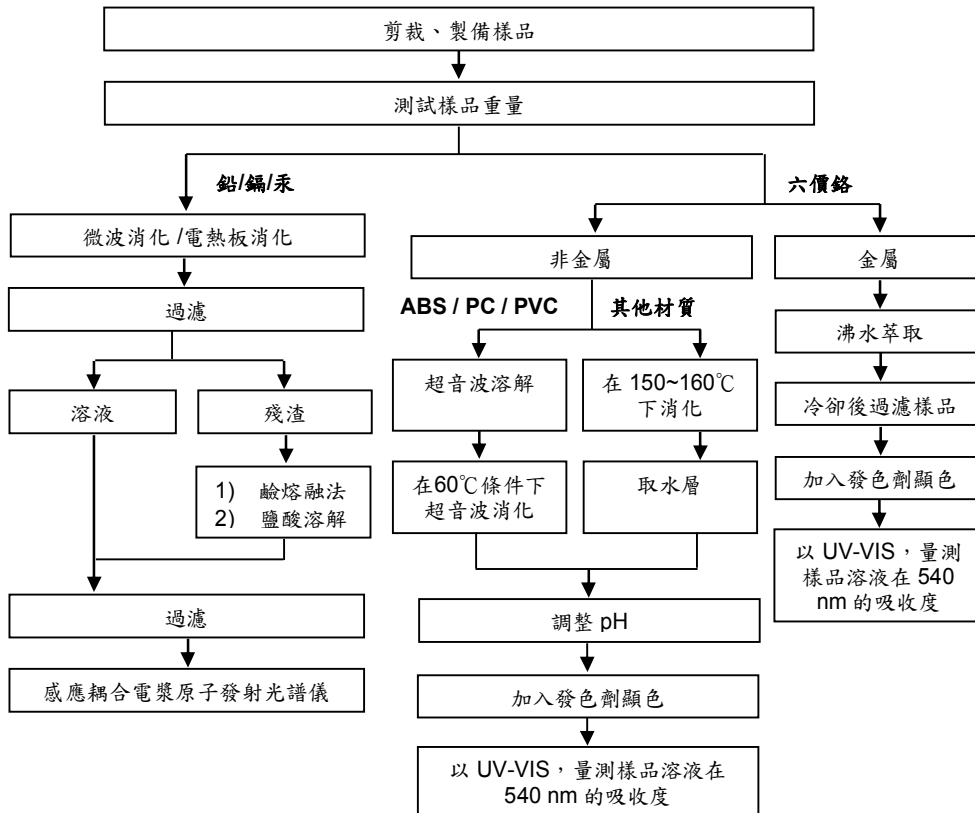
台南市本原街一段262巷59之1號

- 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. (#2) =
 - a. 當六價鉻結果大於 $0.13 \mu\text{g}/\text{cm}^2$ ，表示樣品表層含有六價鉻。
 - b. 當六價鉻結果為n. d. (濃度小於 $0.10 \mu\text{g}/\text{cm}^2$)，表示表層不含六價鉻。
 - c. 當六價鉻結果介於 0.10 及 $0.13 \mu\text{g}/\text{cm}^2$ 時，無法確定塗層是否含有六價鉻。
 5. "-" = Not Regulated / 無規格值

重金屬流程圖

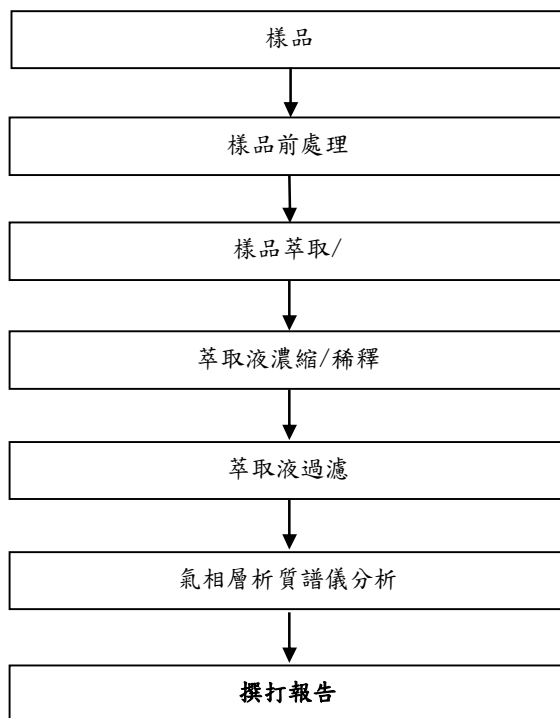
根據以下的流程圖之條件，樣品已完全溶解。（六價鉻測試方法除外）

- 測試人員：劉俊宏
- 測試負責人：張伯睿



多溴聯苯/多溴聯苯醚分析流程圖

- 測試人員：陳威錚
- 測試負責人：張伯睿



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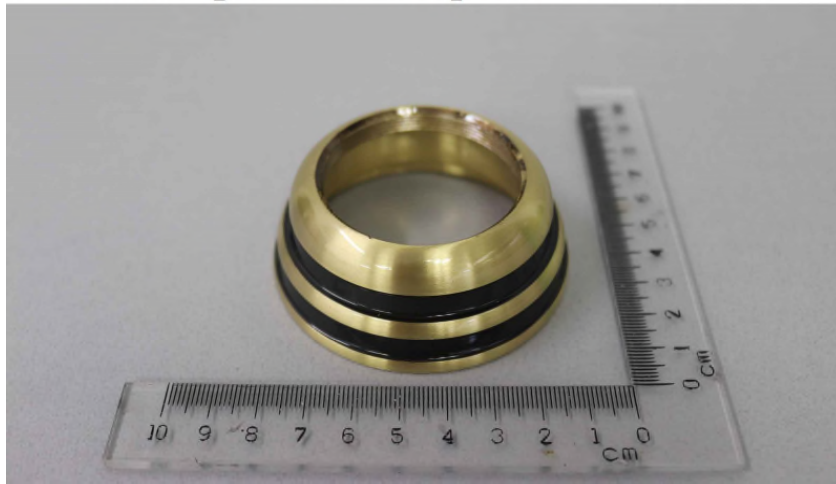
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* 照片中如有箭頭標示，則表示為實際檢測之樣品/部位。 *

KA/2018/52481



** 報告結尾 **

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