

測試報告

號碼：CE/2009/37054A

日期：2009/04/01

頁數：1 of 5

中台興化學工業股份有限公司
新竹市牛埔南路105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：恐龍環保水性噴漆
樣品型號：WP109 (黑色)
收件日期：2009/03/25
測試期間：2009/03/25 TO 2009/04/01

=====
測試需求：參照 RoHS 2002/95/EC 及其修定指令要求。
測試方法：參考 IEC 62321: 2008 方法檢測。
(1) 用感應耦合電漿原子發射光譜儀 (ICP-AES) 檢測鎘含量。
(2) 用感應耦合電漿原子發射光譜儀 (ICP-AES) 檢測鉛含量。
(3) 用感應耦合電漿原子發射光譜儀 (ICP-AES) 檢測汞含量。
(4) 用 UV-VIS 檢測六價鉻含量。
(5) 以氣相層析儀/質譜儀 (GC/MS) 檢測多溴聯苯和多溴聯苯醚含量。
測試結果：請見下一頁。
結論：根據客戶所提供樣品的測試結果，符合 RoHS (2002/95/EC) 及其修定指令之要求。

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

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測試結果 (單位: mg/kg)

測試項目	測試方法 (請參考)	結果	方法偵測 極限值	RoHS 限值
		No. 1		
鎘	(1)	n.d.	2	100
鉛	(2)	n.d.	2	1000
汞	(3)	n.d.	2	1000
六價鉻 (Alkaline extraction)	(4)	n.d.	2	1000
多溴聯苯總和 (PBBs)	(5)	n.d.	-	1000
一溴聯苯		n.d.	5	-
二溴聯苯		n.d.	5	-
三溴聯苯		n.d.	5	-
四溴聯苯		n.d.	5	-
五溴聯苯		n.d.	5	-
六溴聯苯		n.d.	5	-
七溴聯苯		n.d.	5	-
八溴聯苯		n.d.	5	-
九溴聯苯		n.d.	5	-
十溴聯苯		n.d.	5	-
多溴聯苯醚總和 (PBDEs)		n.d.	-	1000
一溴聯苯醚		n.d.	5	-
二溴聯苯醚		n.d.	5	-
三溴聯苯醚		n.d.	5	-
四溴聯苯醚		n.d.	5	-
五溴聯苯醚		n.d.	5	-
六溴聯苯醚		n.d.	5	-
七溴聯苯醚		n.d.	5	-
八溴聯苯醚		n.d.	5	-
九溴聯苯醚	n.d.	5	-	
十溴聯苯醚	n.d.	5	-	

測試部位描述:

NO.1 : 黑色漆

- 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. "-" = Not Regulated (無規格值)

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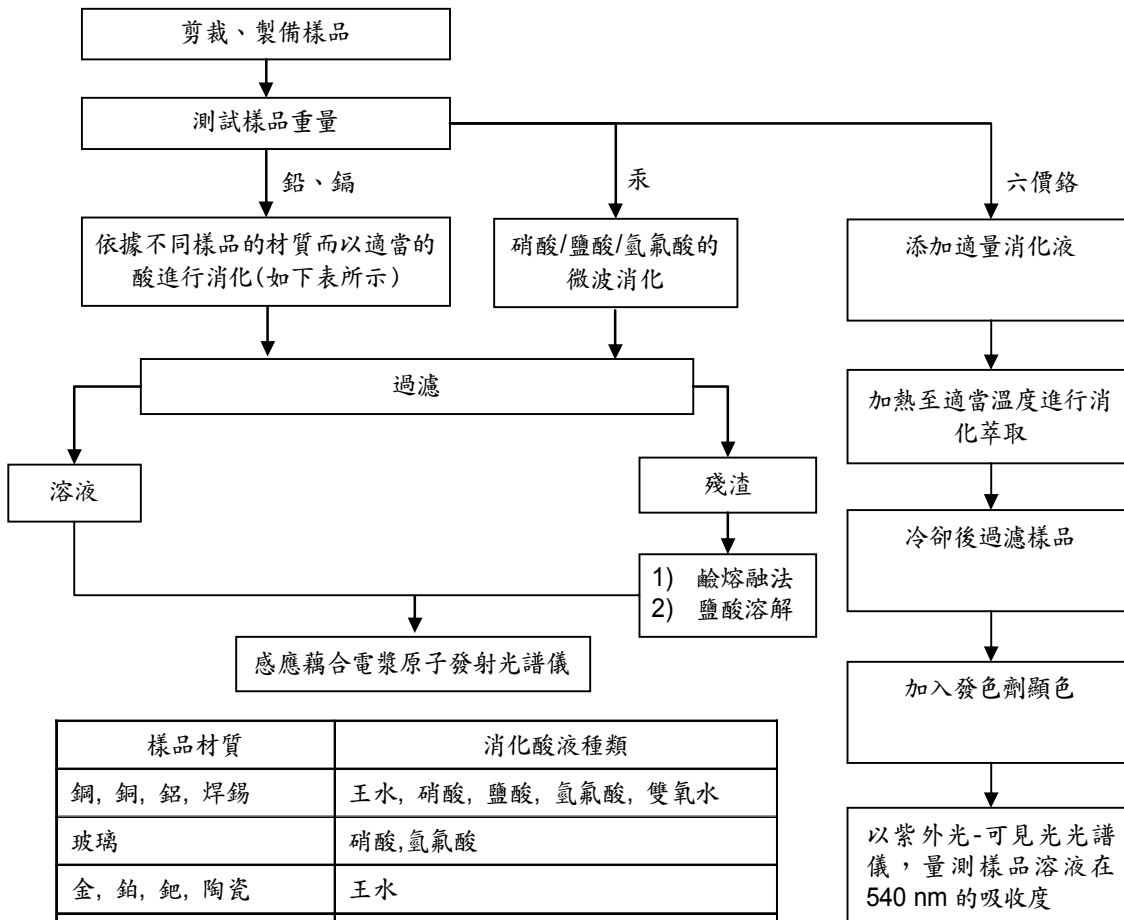
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- 1) 根據以下的流程圖之條件，樣品已完全溶解。(六價鉻測試方法除外)
- 2) 測試人員：楊登偉
- 3) 測試負責人：張啓興



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

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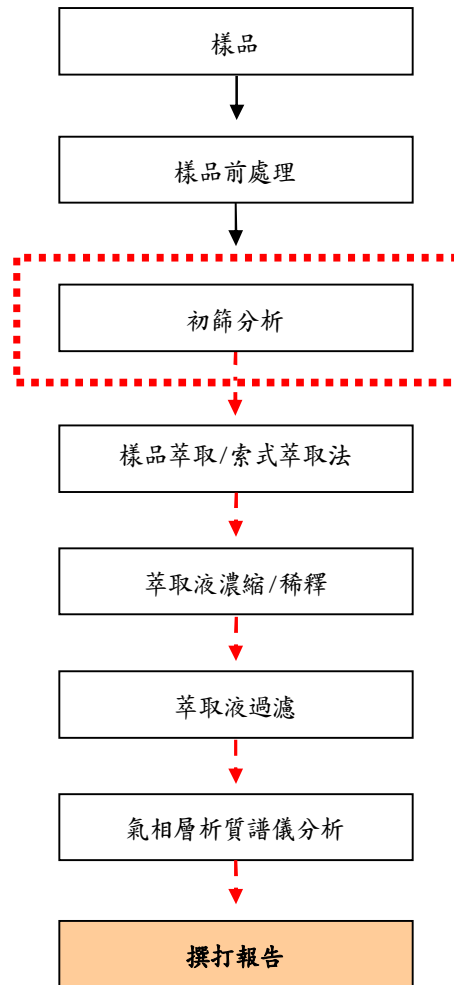
多溴聯苯/多溴聯苯醚分析流程圖

初次測試程序 ———▶

選擇性篩檢程序▶

確認程序 - · - · ▶

- 1) 測試人員：翁賜彬
- 2) 測試負責人：陳新智



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** 報告結尾 **

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