

## 測試報告

號碼：CE/2012/70117A

日期：2012/07/09

頁數：1 of 6

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：恐龍抗壁癌披覆劑  
樣品型號：DTA42  
收件日期：2012/07/02  
測試期間：2012/07/02 TO 2012/07/09

=====  
測試需求：依據客戶要求，參考RoHS 2011/65/EU Annex II 指令進行鎘，鉛，汞，六價鉻，多溴聯苯，多溴聯苯醚測試。  
測試方法：參考IEC 62321: 2008方法。  
測試結果：請見下一頁。  
結論：根據客戶所提供的樣品，其鎘，鉛，汞，六價鉻，多溴聯苯，多溴聯苯醚的測試結果符合RoHS指令2002/95/EC的更新指令2011/65/EU之要求。



Troy Chang, Asst. Manager  
Signed for and on behalf of  
SGS TAIWAN LTD.  
Chemical Laboratory – Taipei

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### 測試結果

測試部位 No.1 : 透明液體

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	n.d.	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	mg/kg	參考IEC 62321: 2008方法, 以UV-VIS檢測.	2	n.d.	1000
<b>多溴聯苯總和</b>	mg/kg	參考IEC 62321: 2008方法, 以氣相層析/質 譜儀(GC/MS)檢測.	-	n.d.	1000
一溴聯苯	mg/kg		5	n.d.	-
二溴聯苯	mg/kg		5	n.d.	-
三溴聯苯	mg/kg		5	n.d.	-
四溴聯苯	mg/kg		5	n.d.	-
五溴聯苯	mg/kg		5	n.d.	-
六溴聯苯	mg/kg		5	n.d.	-
七溴聯苯	mg/kg		5	n.d.	-
八溴聯苯	mg/kg		5	n.d.	-
九溴聯苯	mg/kg		5	n.d.	-
十溴聯苯	mg/kg		5	n.d.	-
<b>多溴聯苯醚總和</b>	mg/kg		-	n.d.	1000
一溴聯苯醚	mg/kg		5	n.d.	-
二溴聯苯醚	mg/kg		5	n.d.	-
三溴聯苯醚	mg/kg		5	n.d.	-
四溴聯苯醚	mg/kg		5	n.d.	-
五溴聯苯醚	mg/kg		5	n.d.	-
六溴聯苯醚	mg/kg		5	n.d.	-
七溴聯苯醚	mg/kg		5	n.d.	-
八溴聯苯醚	mg/kg		5	n.d.	-
九溴聯苯醚	mg/kg	5	n.d.	-	
十溴聯苯醚	mg/kg	5	n.d.	-	

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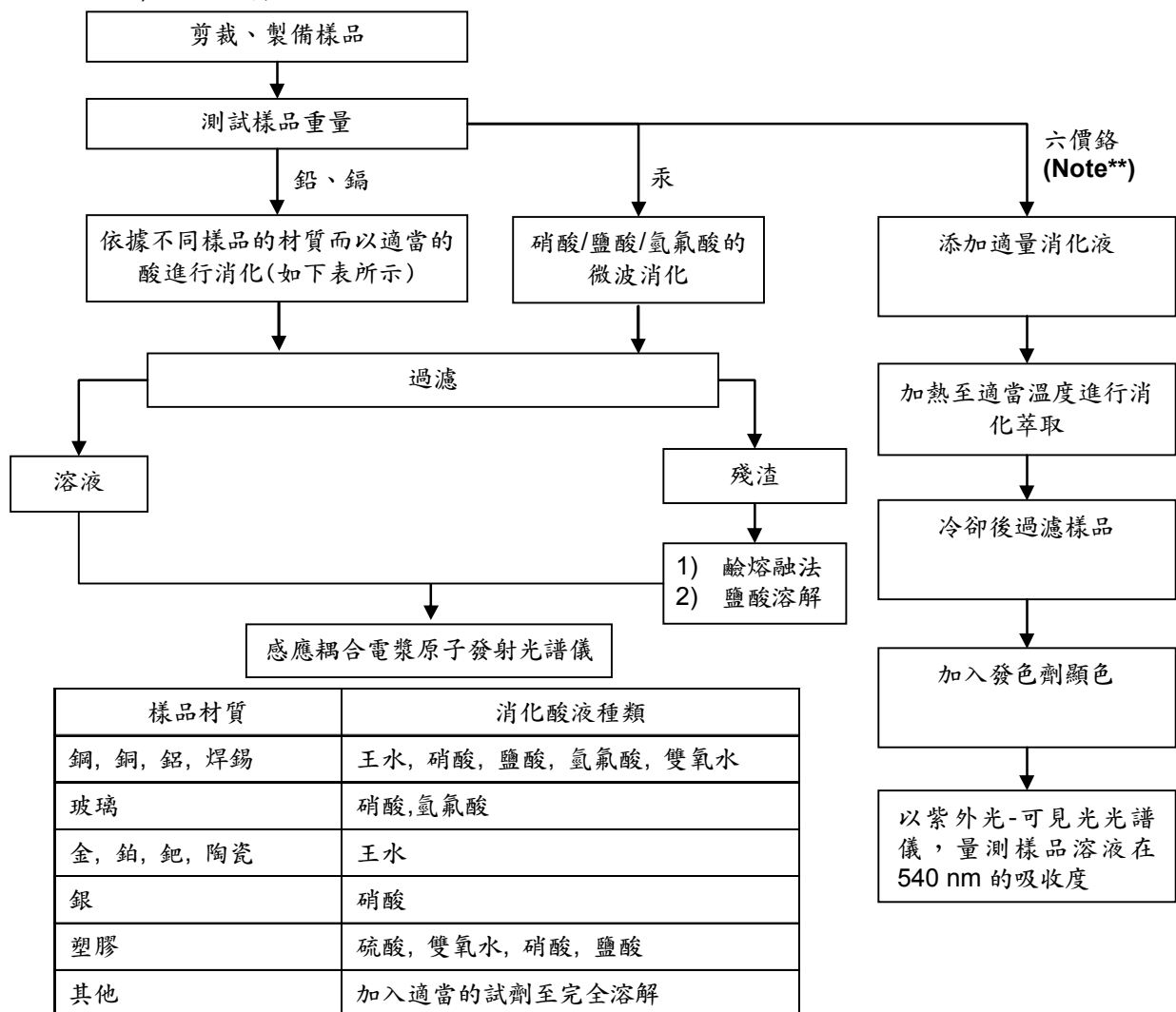
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- 1) 根據以下的流程圖之條件，樣品已完全溶解。(六價鉻測試方法除外)
- 2) 測試人員：楊登偉
- 3) 測試負責人：張啓興



**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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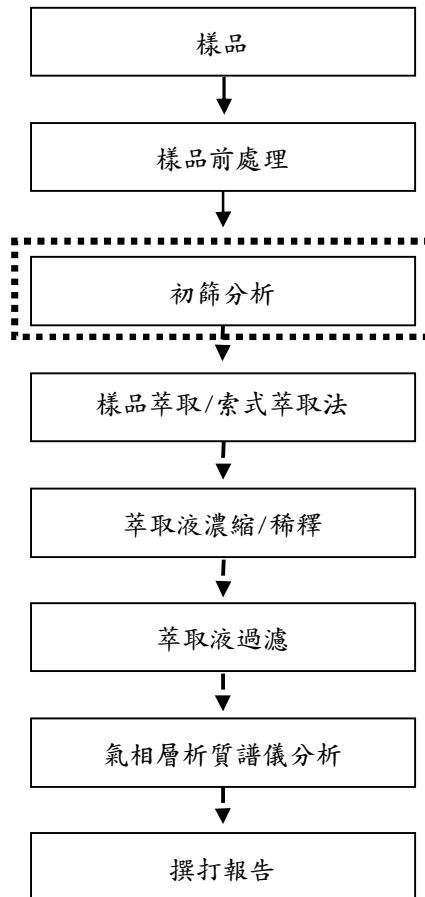
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### 多溴聯苯/多溴聯苯醚分析流程圖

初次測試程序 ———▶  
選擇性篩檢程序 ·····▶  
確認程序 - - - ▶

- 測試人員：翁賜彬
- 測試負責人：張啓興



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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。 \*

## CE/2012/70117



\*\* 報告結尾 \*\*

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