

# 測試報告

## Test Report

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台灣寶德華股份有限公司 / TAIWAN PRODUCTIONS CORPORATION  
 (東莞銘嘉電子有限公司 / MAJTER LIMITED ENTERPRISES LTD.)  
 桃園市中正路927號4樓之3 / NO. 927, JHONGJHENG RD., TAOYUAN CITY,  
 TAOYUAN COUNTY 330, TAIWAN (R. O. C.)  
 (東莞市虎門鎮白沙四村沙二業區 / BAISHA IND. ZONE, 4 VILLAGE, BAISHA,  
 HUMEN, DONGGUN, GUANGDONG 523912, CHINA)



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

樣品名稱(Sample Description) : POTENTIOMETER  
 樣品規格(Style/Item No.) : R□□S SERIES  
 接收日期(Sample Receiving Date) : 2007/10/02  
 測試期間(Testing Period) : 2007/10/02 TO 2007/10/09

=====  
 測試需求(Test Requested) : 參照 RoHS 2002/95/EC 及其修訂指令要求。(In accordance with the RoHS Directive 2002/95/EC, and its subsequent directives).  
 測試方法(Test Method) : 參考IEC 62321, Ed. 1 111/54, V. Procedures for the Determination of Levels of Regulated Substances in Electrotechnical Products.  
 (1) 用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) 用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) 用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) 針對非金屬材質之樣品，用UV-VIS檢測六價鉻含量。 / Determination of Hexavalent Chromium for non-metallic samples by UV/Vis Spectrometry.  
 (5) 以氣相層析儀/質譜儀檢測多溴聯苯和多溴聯苯醚含量。 / Determination of PBB and PBDE by GC/MS.  
 測試結果(Test Results) : 請見下一頁 (Please refer to next pages).

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

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 (東莞銘嘉電子有限公司 / MAITEK UNITED ENTERPRISES LTD.)  
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 TAOYUAN COUNTY 330, TAIWAN (R. O. C.)  
 (東莞市虎門鎮白沙灣工業區 / BAISHA IND. ZONE, 4 VILLAGE, BAISHA,  
 HUMEN, DONGGUN, GUANGDONG 523912, CHINA)



測試結果(Test Result) 單位(Unit): mg/kg

測試項目 (Test Items)	測試方法 Method (Refer to)	結果 (Result)	
		No.1	方法偵測 極限 (MDL)
鎘 / Cadmium (Cd)	(1)	n.d.	2
鉛 / Lead (Pb)	(2)	200	2
汞 / Mercury (Hg)	(3)	n.d.	2
六價鉻 / Hexavalent Chromium Cr(VI) by alkaline extraction	(4)	n.d.	2
多溴聯苯總和 / Sum of PBBs	(5)	n.d.	-
一溴聯苯 / Monobromobiphenyl		n.d.	5
二溴聯苯 / Dibromobiphenyl		n.d.	5
三溴聯苯 / Tribromobiphenyl		n.d.	5
四溴聯苯 / Tetrabromobiphenyl		n.d.	5
五溴聯苯 / Pentabromobiphenyl		n.d.	5
六溴聯苯 / Hexabromobiphenyl		n.d.	5
七溴聯苯 / Heptabromobiphenyl		n.d.	5
八溴聯苯 / Octabromobiphenyl		n.d.	5
九溴聯苯 / Nonabromobiphenyl		n.d.	5
十溴聯苯 / Decabromobiphenyl		n.d.	5
多溴聯苯醚總和 (一至九溴) / Sum of PBDEs (Mono to Nona) (Note 4)		n.d.	-
一溴聯苯醚 / Monobromobiphenyl ether		n.d.	5
二溴聯苯醚 / Dibromobiphenyl ether		n.d.	5
三溴聯苯醚 / Tribromobiphenyl ether		n.d.	5
四溴聯苯醚 / Tetrabromobiphenyl ether		n.d.	5
五溴聯苯醚 / Pentabromobiphenyl ether		n.d.	5
六溴聯苯醚 / Hexabromobiphenyl ether		n.d.	5
七溴聯苯醚 / Heptabromobiphenyl ether		n.d.	5
八溴聯苯醚 / Octabromobiphenyl ether		n.d.	5
九溴聯苯醚 / Nonabromobiphenyl ether	n.d.	5	
十溴聯苯醚 / Decabromobiphenyl ether	n.d.	5	
多溴聯苯醚總和 (一至十溴) / Sum of PBDEs (Mono to Deca)	n.d.	-	

測試部位描述 (TEST PART DESCRIPTION):

NO.1 : 整體混測 (MIXED ALL PARTS)

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台灣寶德華股份有限公司 / TAIWAN BAO DE HUA CORPORATION

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TAOYUAN COUNTY 330, TAIWAN (R. O. C.)(東莞市虎門鎮白沙四村沙工業區 / BAISHA IND. ZONE, 4 VILLAGE, BAISHA,  
HUMEN, DONGGUN, GUANGDONG 523912, CHINA)

## 備註(Notes):

1. mg/kg = ppm
2. n.d. = Not Detected (未檢出)
3. MDL = Method Detection Limit (方法偵測極限值)
4. 根據2005年10月13日歐盟會議公佈2005/717/EC, 修訂2002/95/EC內容, 通過解除高份子材質中十溴聯苯醚之使用限制. (According to 2005/717/EC DecaBDE is exempt.)
5. "-" = Not Regulated (無規格值)
6. 樣品的測試是基於申請人要求混合測試, 報告中的混合測試結果不代表其中個別單一材質的含量.  
(The samples was/were analyzed on behalf of the applicant as mixing sample in one testing.  
The above results was/were only given as the informality.)



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\*\* 報告結尾 \*\*