

測試報告

Test Report

號碼(No.): C/2007/A0608

日期(Date): 2007/10/16

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台灣寶德華股份有限公司 / TAIWAN PRODUCTWELL CORPORATION


(東莞銘嘉電子有限公司 / MATTER UNITED 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.)(東莞市虎門鎮白沙灣工業區 / BAISHA IND. ZONE, 4 VILLAGE, BAISHA,
HUMEN, DONGGUAN, GUANGDONG 523912, CHINA)

以下測試樣。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
 樣品編號 (Style/Item No.) : ELEMENT SERIES
 接收日期 (Sample Receiving Date) : 2007/10/02
 測試期間 (Testing Period) : 2007/10/02 TO 2007/10/16

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 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. 1 111/4 方法檢測。 (With reference to IEC 62321, Ed.1 111/54 方法。 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 Yung / Operation Manager
 Signed for and on behalf of
 TAIWAN LTD.
 Chemical Laboratory - Taipei

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台灣寶德華股份有限公司 / TAIWAN B.D. CORPORATION
 (東莞銘嘉電子有限公司 / MAJTER UNITED ENTERPRISES LTD.)
 桃園市中正路927號4樓之2 / NO. 927, JHONGJHENG RD., TAOYUAN CITY,
 TAOYUAN COUNTY 330, TAIWAN (R. O. C.)
 (東莞市虎門鎮白沙村白沙工業區 / BAISHA IND. ZONE, 4 VILLAGE, BAISHA,
 HUMEN, DONGGUAN, 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)	n.d.	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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(東莞銘嘉電子有限公司 / MING JIA UNITED ENTERPRISES LTD.)

桃園市中正路927號4樓之1 / NO. 927, JHONGJHENG RD., TAOYUAN CITY,
TAOYUAN COUNTY 330, TAIWAN (R. O. C.)(東莞市虎門鎮白沙灣白沙工業區 / BAISHA IND. ZONE, 4 VILLAGE, BAISHA,
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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, 通過解除高分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 information value).

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** 報告結尾 **