

## 測試報告 Test Report

號碼(No.) : CE/2013/75492A

日期(Date) : 2013/08/09

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銀荷光電股份有限公司

GMET MFG PROCESSES CO., LTD.

新竹縣新竹工業區光復南路50號

NO. 50, GUANGFU S. RD. HSINCHU INDUSTRIAL PARK HSINCHU COUNTY 30351, TAIWAN



以下測試樣品係由申請廠商所提供及確認 (The following sample(s) was/were submitted and identified by/on behalf of the applicant as) :

送樣廠商(Sample Submitted By) : 銀荷光電股份有限公司 (GMET MFG PROCESSES CO., LTD.)  
 樣品名稱(Sample Description) : LITHIUM IRON PHOSPHATE RECHARGEABLE BATTERY (磷酸鋰鐵電池)  
 樣品型號(Style/Item No.) : 20AH  
 收件日期(Sample Receiving Date) : 2013/07/29  
 測試期間(Testing Period) : 2013/07/29 TO 2013/08/06

=====  
 測試需求(Test Requested) : 依據客戶要求, 參考2006/66/EC指令進行鎘, 鉛, 汞測試. (As specified by client, with reference to Directive 2006/66/EC to determine Cadmium, Lead, Mercury contents in the submitted sample.)  
 測試方法(Test Method) : 參考電池工業標準分析方法, EPBA、BAJ、NEMA, April 1998. / With reference to Battery Industry Standard Analytical Method, EPBA、BAJ、NEMA, April 1998.  
 測試結果(Test Results) : 請見下一頁 (Please refer to next pages).  
 結 論(Conclusion) : 根據客戶所提供的樣品, 其鎘, 鉛, 汞的測試結果, 符合2006/66/EC指令限值. (Based upon the performed tests by submitted samples, the test results of Cadmium, Lead, Mercury comply with the limits of 2006/66/EC Directive).

  
 Nicole Chien / Supervisor  
 Signed for and on Behalf of  
 SGS TAIWAN LTD.  
 Chemical Laboratory - Taipei

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### 測試結果(Test Results)

測試部位(PART NAME) No.1 : LITHIUM IRON PHOSPHATE RECHARGEABLE BATTERY (磷酸鋰鐵電池)

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	方法偵測 極限值 (MDL)	結果 (Result)	限值 (Limit)
				No.1	
鎘 / Cadmium (Cd)	mg/kg	參考電池工業標準分析方法, EPBA、BAJ、NEMA, April 1998. 以感應耦合電漿原子發射光譜儀檢 測. / With reference to Battery Industry Standard Analytical Method, EPBA、BAJ、 NEMA, April 1998 and performed by ICP-AES.	2	n.d.	20
鉛 / Lead (Pb)	mg/kg		2	n.d.	40
汞 / Mercury (Hg)	mg/kg		2	n.d.	5

### 備註(Note) :

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)

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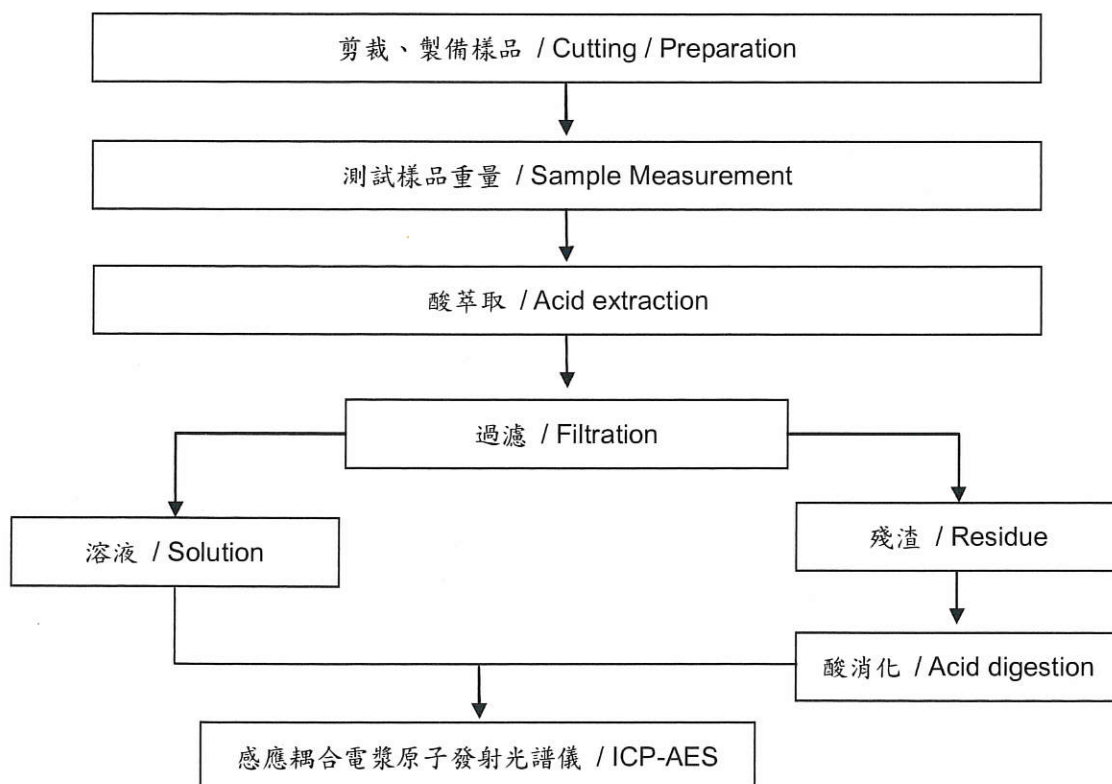
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### 電池之重金屬元素分析流程圖 / Flow Chart of heavy metal analysis for battery

- 測試人員：楊登偉 / Name of the person who made measurement: Climbgreat Yang
- 測試負責人：張啓興 / Name of the person in charge of measurement: Troy Chang





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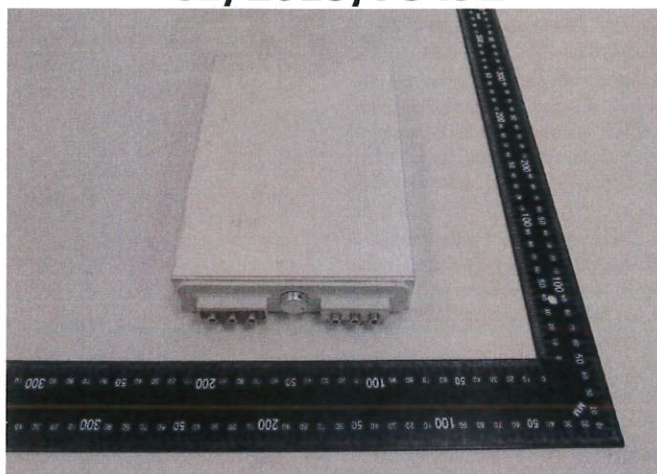
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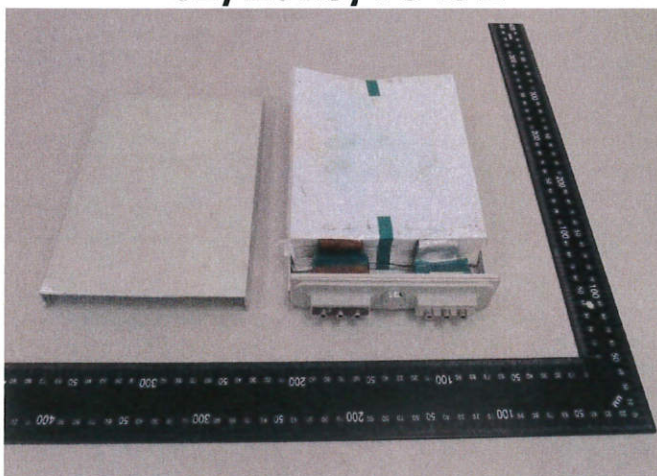
\* 照片中如有箭頭標示，則表示為實際檢測之樣品/部位。\*

(The tested sample / part is marked by an arrow if it's shown on the photo.)

**CE/2013/75492**



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\*\* 報告結尾(End of Report) \*\*

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