

## 測試報告 Test Report

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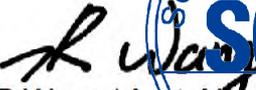
業誠國際股份有限公司  
YEAH CHEN INTERNATIONAL CORP.  
桃園市中壢區普忠路211巷16號  
NO. 16, LANE 211, PU-CHUNG ROAD, CHUNG-LI DISTRICT, TAOYUAN CITY, TAIWAN, R. O. C.



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) : 業誠國際股份有限公司 (YEAH CHEN INTERNATIONAL CORP.)  
樣品名稱(Sample Description) : NICKEL PLATING PROCESS (鍍鎳製程)  
成份(Component) : 氨基磺酸鎳、氨基磺酸、硼酸、鎳光澤劑、鎳濕潤劑、鎳柔軟劑、平滑添加劑 ( NICKEL SULFAMATE、SULFAMINIC ACID、BORIC ACID、NICKEL BRIGHTENER、NICKEL WETTING AGENT、NICKEL CONC、LEVELLER ADDITIVE)  
收件日期(Sample Receiving Date) : 2017/01/26  
測試期間(Testing Period) : 2017/01/26 TO 2017/02/08

=====  
測試需求(Test Requested) : 依據客戶指定, 於送測樣品中檢測鹵素-氟、氯、溴、碘含量. (As specified by client, to test Halogen-Fluorine, Chlorine, Bromine, Iodine in the submitted sample.)  
測試方法(Test Method) : 請見下一頁 (Please refer to next pages).  
測試結果(Test Results) : 請見下一頁 (Please refer to next pages).

  
JR Wang / Asst. Manager  
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 : 透明綠色液體 (TRANSPARENT-GREEN LIQUID)

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)
				No. 1
鹵素 / Halogen				
鹵素 (氟) / Halogen-Fluorine (F) (CAS No. : 14762-94-8)	mg/kg	參考BS EN 14582 (2007), 以離子 層析儀分析. / With reference to BS EN 14582 (2007). Analysis was performed by IC.	50	n. d.
鹵素 (氯) / Halogen-Chlorine (Cl) (CAS No. : 22537-15-1)	mg/kg		50	n. d.
鹵素 (溴) / Halogen-Bromine (Br) (CAS No. : 10097-32-2)	mg/kg		50	n. d.
鹵素 (碘) / Halogen-Iodine (I) (CAS No. : 14362-44-8)	mg/kg		50	n. d.

### 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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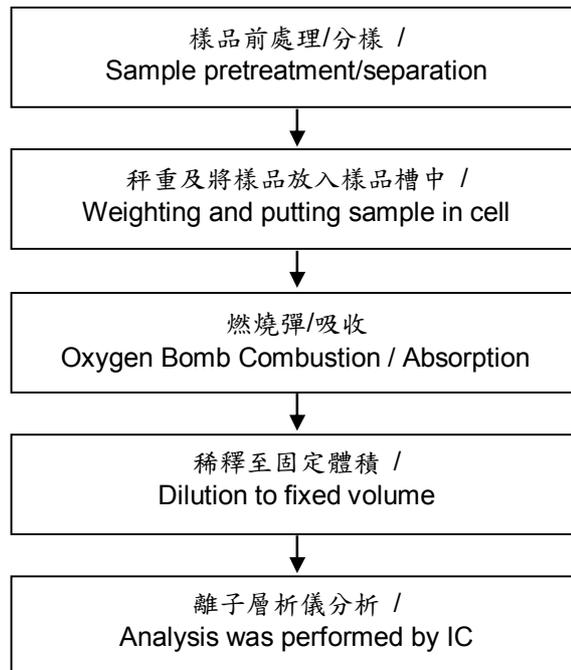
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### 鹵素分析流程圖 / Analytical flow chart - Halogen

- 測試人員：陳恩臻 / Technician: Rita Chen
- 測試負責人：張啟興 / Supervisor: Troy Chang



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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/2017/15705



\*\* 報告結尾(End of Report) \*\*