

## 測試報告 Test Report

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道全股份有限公司

DC COMPONENTS CO., LTD.

臺中市北屯區東山路一段308號6樓

6F., NO. 308, SEC. 1, DONGSHAN RD., TAICHUNG, 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) : 道全股份有限公司 (DC COMPONENTS CO., LTD.)  
樣品名稱(Sample Description) : PLASTIC RECTIFIER  
樣品型號(Style/Item No.) : R-1, A-405, DO-41, DO-15, R-3, DO-27, DO-201AE, R-6M, R-6, SOD-123, SOD-123F, SOD-323, SOD-323F, SOD-523, SOD-723, SOT-23, SOT-223, SOT-323, SOT-346, SOT-416, SOT-353, SOT-363, SOT-89, HVM, TO-220A, TO-220, TO-3, TO-3P, TO-92, TO-92S, TO-126, TO-126ML, TO-251, TO-252, TO-263, SMA, SMB, SMC, SM-1, SM-2, RA, RAS, 0603, 0805, 1005, 1006, 1206, 2010, 2114, DB-1, DB-1S, DB-1MS, RB-15, RC-2, WOM, RS-1, RS-2, RS-5, HBL, HBU, TBL, KBL, KBU, KBJ, KBK, KBP, KBPC-6/8/10, BR-3, BR-6, BR-25, BR-25L, BR-25W, MB-25, MB-25W, MBR-25, MBR-25W, MMB-25, MMB-25W, MP-6, MP-8, GBJ2, GBJ4-10, GBK, GBL, GBU, GBP, GBPC-6/8/10, TBS, MBFL, SMA-L, SMB-L, SOD-123FL, D3K, TO-247AC MODIFIED, ITO-220, ITO-220A, TBR, SMAFL, SMBFL, ABS, ABF, MBS, MBF, TO-277A, MBM, TO-277, SMA-L, TO-277B, 0805C, 1206C, 0603C, 0201C, 0402C, 2510C, 1210C, 2512C, DFN, QFN

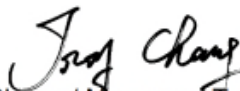
收件日期(Sample Receiving Date) : 2019/06/21

測試期間(Testing Period) : 2019/06/21 to 2019/06/28

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) : 請參閱下一頁 (Please refer to following pages).

測試結果(Test Results) : 請參閱下一頁 (Please refer to following pages).

  
Troy Chang / Manager - Tech  
Signed for and 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 : 黑色塑膠 (BLACK PLASTIC)

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	MDL	結果 (Result)
				No. 1
<b>鹵素 / Halogen</b>				
鹵素 (氟) / Halogen-Fluorine (F) (CAS No. : 14762-94-8)	mg/kg	參考BS EN 14582 (2016), 以離子層析儀分析. / With reference to BS EN 14582 (2016). Analysis was performed by IC.	50	n. d.
鹵素 (氯) / Halogen-Chlorine (Cl) (CAS No. : 22537-15-1)	mg/kg		50	130
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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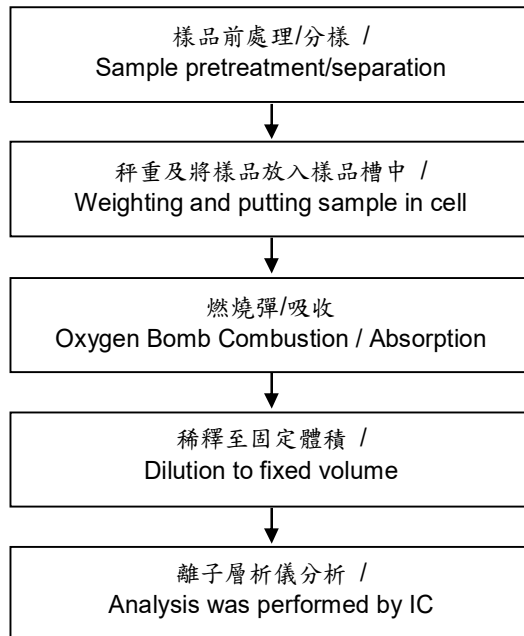
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### 鹵素分析流程圖 / Analytical flow chart - Halogen

- 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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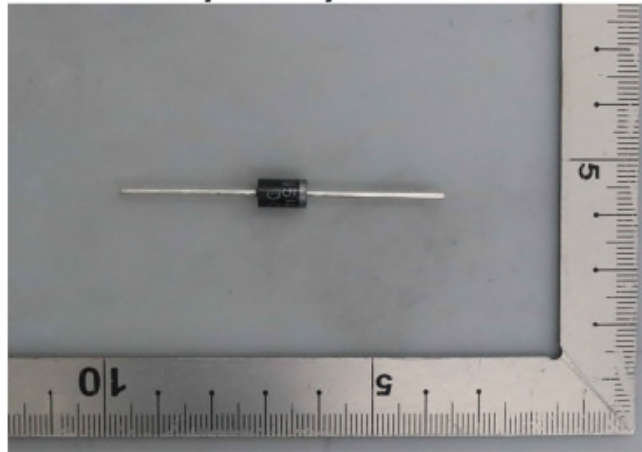
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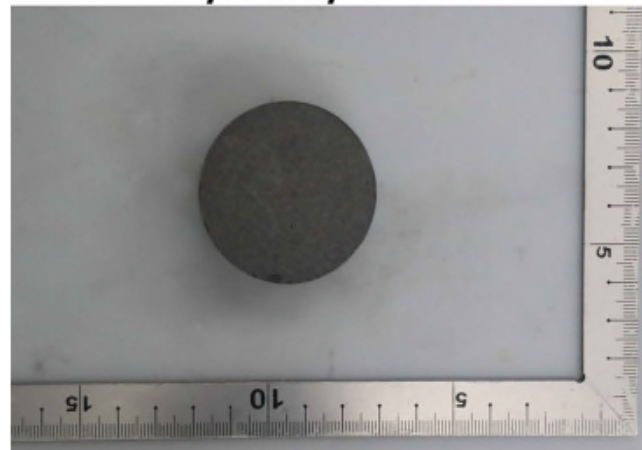
\* 照片中如有箭頭標示，則表示為實際檢測之樣品/部位。\*

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

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\*\* 報告結尾(End of Report) \*\*