

測試報告

Test Report

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利百代國際實業股份有限公司

LIBERTY STATIONERY CORP.

台北市中山北路二段45巷21-1號6樓

6F., NO. 21-1, LANE 45, SEC. 2, ZHONGSHAN N. RD., ZHONGSHAN DIST., TAIPEI CITY 104, TAIWAN (R.O.C.)



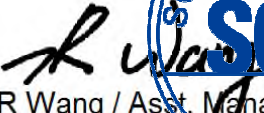
以下測試樣品係由申請廠商所提供及確認 (The following sample(s) was/were submitted and identified by/on behalf of the applicant as) :

送樣廠商(Sample Submitted By) : 利百代國際實業股份有限公司 (LIBERTY STATIONERY CORP.)
樣品名稱(Sample Description) : PERMANENT STAMP INK (萬能不減打印水)
樣品型號(Style/Item No.) : SI-66
顏色(Color) : 黑, 藍, 紅, 白 (BLACK, BLUE, RED, WHITE)
收件日期(Sample Receiving Date) : 2018/02/07
測試期間(Testing Period) : 2018/02/07 TO 2018/02/13

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(s).)

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).


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 : 黑色墨水 (BLACK INK)
- 測試部位(PART NAME)No. 2 : 藍色墨水 (BLUE INK)
- 測試部位(PART NAME)No. 3 : 紅色墨水 (RED INK)
- 測試部位(PART NAME)No. 4 : 白色墨水 (WHITE INK)

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	No. 2	No. 3
鹵素 / Halogen						
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.	n. d.	n. d.
鹵素 (氯) / Halogen-Chlorine (Cl) (CAS No.: 22537-15-1)	mg/kg		50	72.9	n. d.	n. d.
鹵素 (溴) / Halogen-Bromine (Br) (CAS No.: 10097-32-2)	mg/kg		50	n. d.	n. d.	n. d.
鹵素 (碘) / Halogen-Iodine (I) (CAS No.: 14362-44-8)	mg/kg		50	n. d.	n. d.	n. d.

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. 4
鹵素 / Halogen				
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	372
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.

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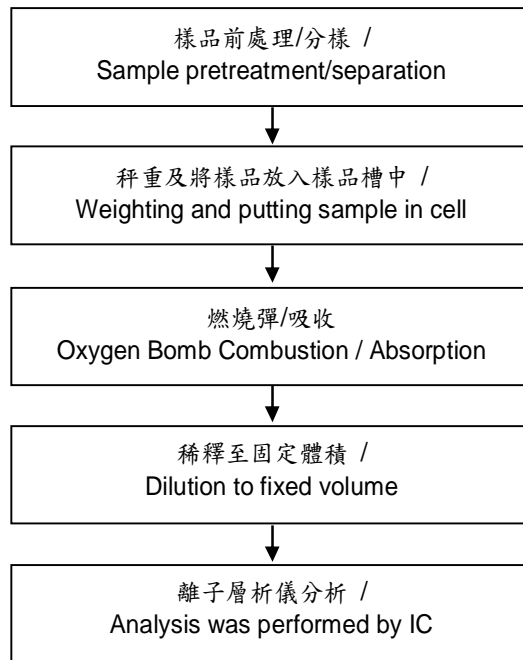
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鹵素分析流程圖 / Analytical flow chart - Halogen

- 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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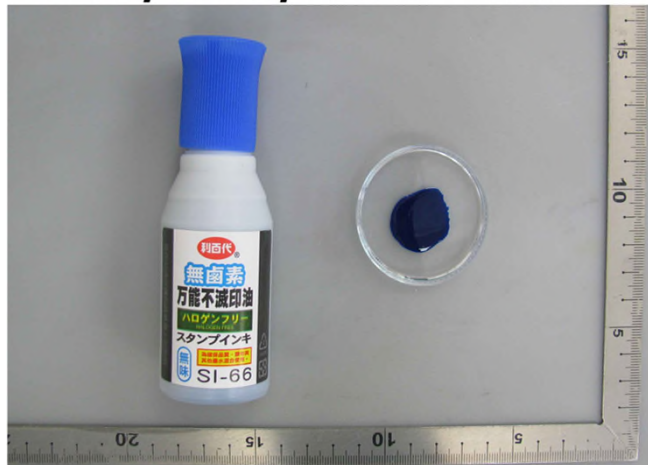


* 照片中如有箭頭標示，則表示為實際檢測之樣品/部位。*
(The tested sample / part is marked by an arrow if it's shown on the photo.)

CE/2018/21843 NO.1



CE/2018/21843 NO.2



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CE/2018/21843 NO.3



CE/2018/21843 NO.4



** 報告結尾(End of Report) **

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