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測試報告
Test Report

號碼(No.): ETR22A04762　　日期(Date): 04-Nov-2022　　

明輝化工實業有限公司 (MIN HUEY CHEMICALS INDUSTRIES CO., LTD.)
新北市土城區大安路138巷32號 (NO. 32, LN 138, DA'AN RD., TUCHENG DIST., NEW TAIPEI CITY 23673, 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 the applicant as)：

送樣廠商(Sample Submitted By)	:	明輝化工實業有限公司 (MIN HUEY CHEMICALS INDUSTRIES CO., LTD.)
樣品名稱(Sample Name)	:	MIN HUEY SCREEN INK (明輝油墨)
樣品型號(Style/Item No.)	:	銀色 (無鹵) (SILVER (NON-HALOGEN))

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收件日(Sample Receiving Date)	:	31-Oct-2022
測試期間(Testing Period)	:	31-Oct-2022 to 04-Nov-2022
測試需求(Test Requested)	:	依據客戶指定，測試鹵素-氟、氯、溴、碘。 (As specified by client, to test Halogen-Fluorine, Chlorine, Bromine, Iodine in the submitted sample.)
測試結果(Test Results)	:	請參閱下一頁 (Please refer to following pages).

Troy Chang / Department Manager
Signed for and on behalf of
SGS TAIWAN LTD.
Chemical Laboratory - Taipei

CHECK REPORT
PIN CODE: 1154F8D9

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Test Report

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測試部位敘述 (Test Part Description)

No.1 : 銀色油墨 (SILVER COLORED INK)

測試結果 (Test Results)

測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result)
				No.1
氟 (F) (Fluorine (F)) (CAS No.: 14762-94-8)	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.)	mg/kg	50	n.d.
氯 (Cl) (Chlorine (Cl)) (CAS No.: 22537-15-1)	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.)	mg/kg	50	n.d.
溴 (Br) (Bromine (Br)) (CAS No.: 10097-32-2)	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.)	mg/kg	50	n.d.
碘 (I) (Iodine (I)) (CAS No.: 14362-44-8)	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.)	mg/kg	50	n.d.

備註(Note)：

1. mg/kg = ppm；0.1wt% = 0.1% = 1000ppm
2. MDL = Method Detection Limit (方法偵測極限值)
3. n.d. = Not Detected (未檢出)；小於MDL / Less than MDL

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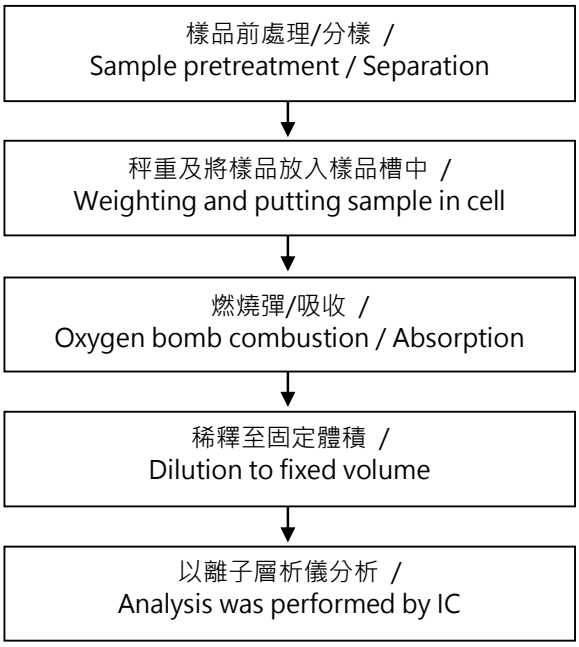
鹵素分析流程圖 / Analytical flow chart - Halogen



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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.)

ETR22A04762

** 報告結尾 (End of Report) **

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