測試報告
Test Report

號碼(No.): EKR26601014　　日期(Date): 09-Jul-2026　　

祥開有限公司 (HSIANG KAI FU CO., LTD.)
台中市南屯區文山里精科六路9號 (NO.9 JINGKA 6TH RD., NANTUN DIST., TAICHUNG CITY 408, 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)	:	祥開有限公司 (HSIANG KAI FU CO., LTD.)
樣品名稱(Sample Name)	:	PRECISION LOCKNUT (螺帽)
樣品型號(Style/Item No.)	:	MF、MR、BF、MKR、SFZ、TMF、MKA、MMK、MA、NMV、FME、KMK、MKW、SR、SRZ、MRZ、MRRA、MRN、MFZ、MLR、MLRE、MAZ、AN、HKF、HKR、NM、NMA、NMVA、NMVZ、MLRP、HKM

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收件日(Sample Receiving Date)	:	18-Jun-2026 and 25-Jun-2026
測試期間(Testing Period)	:	18-Jun-2026 to 09-Jul-2026

測試需求(Test Requested) : 依據客戶要求，參考REACH Regulation (EC) No 1907/2006中附錄17的公告進行測試，測試項目請參閱測試結果表格。 (As indicated by the client, the sample(s) was/were tested with reference to Annex XVII of REACH Regulation (EC) No 1907/2006. Please refer to the result table for testing item(s).)

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

結　論(Conclusion) : 根據客戶所提供的樣品，其測試項目結果符合REACH Regulation (EC) No 1907/2006中附錄17之限值要求。 (Based on the testing performed on the sample(s), the results of test items comply with the limits set by Annex XVII of REACH Regulation (EC) No 1907/2006.)

報告簽署人/張伯睿 博士/部經理
Ray Chang, Ph.D./ Department Manager
Signed for and on behalf of SGS TAIWAN LTD.
化學實驗室-高雄/Chemical Laboratory-Kaohsiung

CHECK REPORT
PIN CODE: 5AE1B674

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測試部位敘述 (Test Part Description)

No.1 : 銀色金屬 (SILVER COLORED METAL)

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	限值 (Limit)
鉛 (Pb) (Lead (Pb)) (CAS No.: 7439-92-1)	參考IEC 62321-5: 2013，以感應耦合電漿發射光譜儀分析。(With reference to IEC 62321-5: 2013, analysis was performed by ICP-OES.)	mg/kg	2	n.d.	500
釋出鎳 (Nickel-release)	參考EN 1811: 2023，以感應耦合電漿發射光譜儀分析。(With reference to EN 1811: 2023, analysis was performed by ICP-OES.)	μg/cm²/week	0.1	n.d. n.d. n.d.	0.88

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
4. μg/cm²/week = microgram per square centimeter per week

No.	樣品表面積 (cm²) (Sample Area)	測試溶液體積 (Volume of Test Solution) (ml)
1	3.08	3.00

5. 除非另有說明，參照ILAC-G8:09/2019決定規則，採用簡單允收規則之二分法(w=0)進行符合性判定；根據此規則，符合性結果之判定係以測試結果與限值做比較。(Unless otherwise stated , the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019. According to this rule, the judgement of conformity is based on the comparing test results with limits.)

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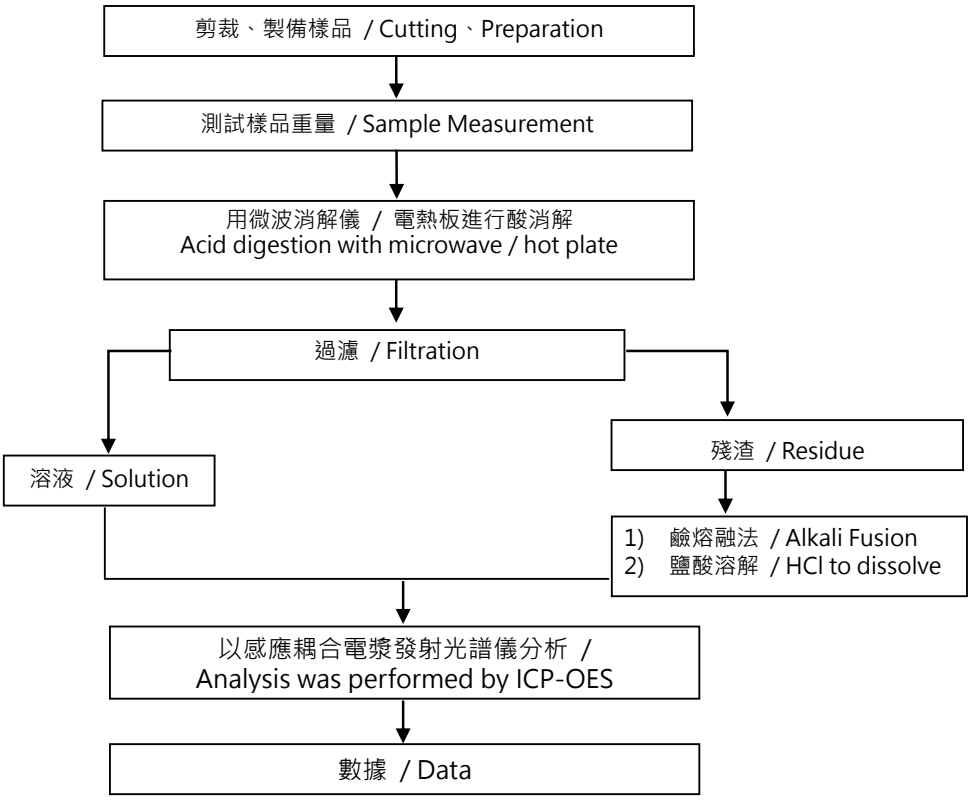
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元素(含重金屬)分析流程圖 / Analytical flow chart of Elements (Heavy metal included)

根據以下的流程圖之條件，樣品已完全溶解。

These samples were dissolved totally by pre-conditioning method according to below flow chart.



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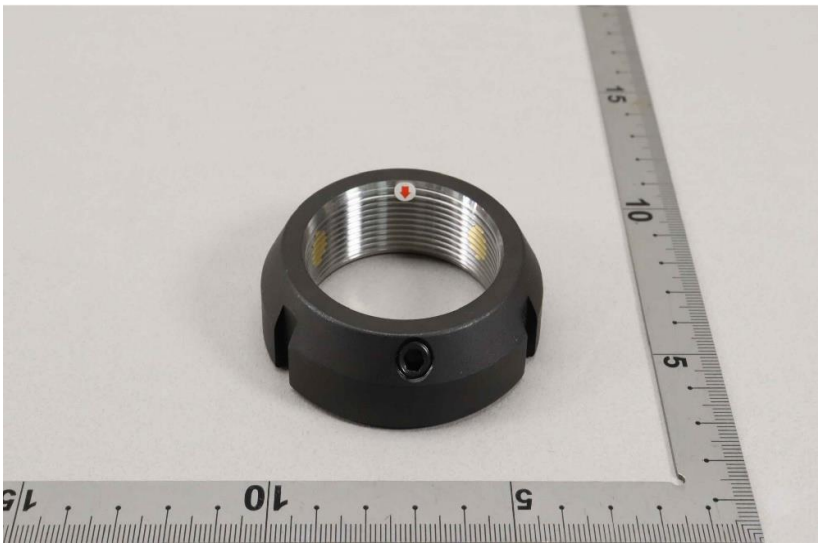
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*** 照片中如有箭頭標示，則表示為實際檢測之樣品/部位. ***
(The tested sample / part is marked by an arrow if it's shown on the photo.)

EKR26601014



** 報告結尾 (End of Report) **

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