

## 測試報告

## Test Report

號碼(No.): EKR21300958

日期(Date): 18-Mar-2021

頁數(Page): 1 of 4

新格發企業股份有限公司 (SIGMA BROTHERS INC.)

高雄市小港區台機路24號 (NO.24, TAIJI RD., SIAOGANG DISTRICT, KAOHSIUNG CITY 812, 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) : 新格發企業股份有限公司 (SIGMA BROTHERS INC.)  
樣品名稱(Sample Name) : 鋁合金錠 ALUMINUM ALLOY INGOT

=====  
收件日(Sample Receiving Date) : 12-Mar-2021  
測試期間(Testing Period) : 12-Mar-2021 to 18-Mar-2021

測試需求(Test Requested) : 依據客戶要求，參考美國毒管法(TSCA) 第 6(h) 章節，持久性生物累積毒性物質 (PBTs) 進行測試，測試項目請參閱測試結果表格。(As specified by client, the sample(s) was/were tested with reference to Regulation of Persistent, Bioaccumulative, Toxic (PBT) Chemicals under Toxic Substances Control Act (TSCA) Section 6(h). Please refer to result table for testing item(s).)

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

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



PIN CODE: CF63D84E

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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)	限值 (Limit)
				No.1	
十溴聯苯醚 (DecaBDE) (Decabromodiphenyl ether (DecaBDE)) (CAS No.: 1163-19-5)	參考US EPA 3550C: 2007 · 以氣相層析儀/質譜儀分析。(With reference to US EPA 3550C: 2007, analysis was performed by GC/MS.)	mg/kg	5	n.d.	Prohibited
異丙基化磷酸三苯酯 (Phenol, isopropylated, phosphate) (PIP) (3:1) (CAS No.: 68937-41-7)		mg/kg	5	n.d.	Prohibited / N/A(*1)
2,4,6-三叔丁基酚 (2,4,6-Tris(tert-butyl)phenol) (2,4,6-TTBP) (CAS No.: 732-26-3)		mg/kg	5	n.d.	3000 / N/A(*2)
五氯苯硫酚 (Pentachlorothiophenol) (PCTP) (CAS No.: 133-49-3)		mg/kg	5	n.d.	10000
六氯丁二烯 (Hexachlorobutadiene) (HCBd) (CAS No.: 87-68-3)		mg/kg	5	n.d.	Prohibited

### 備註(Note) :

1. mg/kg = ppm ; 0.1wt% = 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. N/A(\*1) : 若產品/成品為以下 · 則不適用 (The submitted sample is exempted from the regulated scope if it is anyone of the following) :
  - 航空或軍事用液壓油 (Hydraulic fluids for aviation or military)
  - 潤滑劑和油脂 (Lubricants and grease)
  - 汽車和航空航天器的新零件和替換零件 (New and replacement parts for motor and aerospace vehicles)
  - 在封閉系統中製造氰基丙烯酸酯粘合劑 (Manufacture of cyanoacrylate adhesives in closed systems)
  - 火車和船舶應用的專用發動機空氣濾清器 (Specialized engine air filters for locomotive and marine applications)
  - 從含PIP(3:1)的產品或成品中回收的塑料 (Plastic for recycling from PIP (3:1)-containing products or articles)
  - 從包含PIP(3:1)的產品或成品中回收的塑料製成的成品或成品 (Finished products or articles made of plastic recycled from PIP (3:1)-containing products or articles)
5. N/A(\*2) : 若產品為非作為潤滑油中添加劑 · 則不適用。(The submitted sample is exempted from the regulated scope if it is not oil and lubricant additives.)

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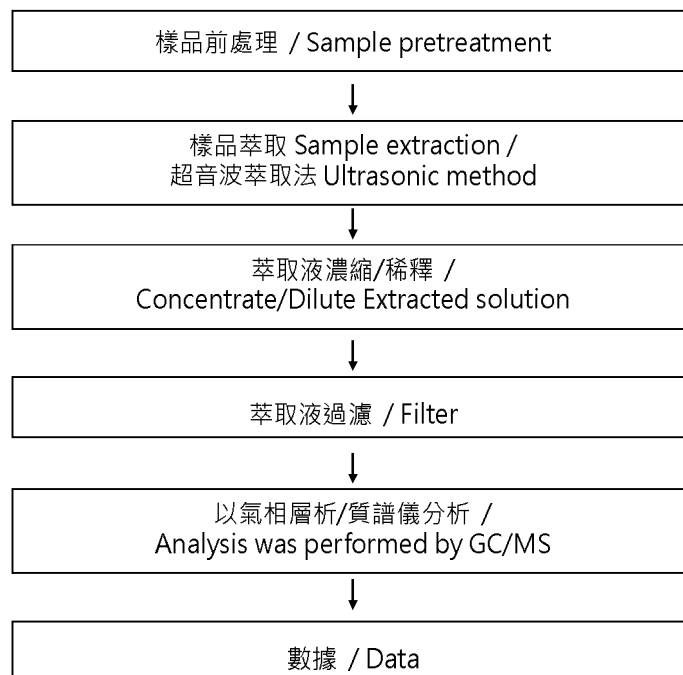
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持久性生物累積毒性物質 (PBTs) 分析流程圖 /  
Analytical flow chart - Persistent, Bioaccumulative, Toxic (PBTs)



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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.)

### EKR21300958



\*\* 報告結尾 (End of Report) \*\*

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