

# 測試報告

## Test Report

報告編號(No.): HKF22A00021

報告日期(DATE): 2022/10/20

頁數(PAGE): 1 of 3

力陞綠色科技有限公司 ( LISTEN GREEN TECHNOLOGY CO., LTD. )

新北市中和區立德街120-122號3樓 ( 3F., NO. 120-122, LIDE ST., ZHONGHE DIST., NEW TAIPEI CITY, 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/on behalf of the applicant as) :

送樣廠商(Sample Submitted By) : 力陞綠色科技有限公司 ( LISTEN GREEN TECHNOLOGY CO., LTD. )  
 樣品名稱(Sample Description) : GMX / GEX RESIN ( GMX / GEX 粒子 )  
 樣品型號(Style/Item No.) : GEX-01E, GEX-01EC, GEX-02E, GEX-03E, GEX-EANT01, GEX-EANT02, GEX-00E, GMX-02, GMX-03F, GMX-04F  
 樣品材質(Sample Material) : PE, 生物鈣複合材質 ( PE, BIO-CALCIUM COMPOUND )

收件日(Sample Receiving Date) : 2022/10/11  
 測試期間(Testing Period) : 2022/10/11 to 2022/10/20

### 測試需求 (Test Requested)

客戶指定依據美國聯邦法規之藥物暨食品管理 (FDA) 21 CFR 177.1520 (c) 3.1a. 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 according to U.S. Food and Drug Administration (FDA) 21 CFR 177.1520 3.1a. Please refer to the result table(s) for the testing item(s).)

### 測試結果 (Test Results)

: 請見下一頁。(Please refer to next page(s).)

*Ray Chang*

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



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新北市中和區立德街120-122號3樓 (3F., NO. 120-122, LIDE ST., ZHONGHE DIST., NEW TAIPEI CITY, TAIWAN)

### 測試部位敘述(Test Part Description)

No.1 : 白色塑膠片 (WHITE PLASTIC SHEET)

### 測試結果(Test Results)

通過(PASS)

測試項目 (Test Item(s))	測試方法 (Method)	單位 (Unit)	RL	結果 (Result)	限值 (Limit)
				No.1	
密度 (Δ) / Density (Δ)	參考美國FDA 21 CFR 177.1520. / With reference to US FDA 21 CFR 177.1520.	g/cm <sup>3</sup>	-	0.936	0.85~1.00
最大可萃取量 (正己烷, 50°C, 2小時) / Maximum extractable fraction (n-Hexane, 50°C, 2 h)	參考美國FDA 21 CFR 177.1520. / With reference to US FDA 21 CFR 177.1520.	%	0.1	0.215	5.5
最大可溶解量 (二甲苯, 25°C, 2小時) / Maximum soluble fraction (xylene, 25°C, 2 h)	參考美國FDA 21 CFR 177.1520. / With reference to US FDA 21 CFR 177.1520.	%	0.1	3.05	30

### 備註(Note) :

1. mg/kg = ppm ; 0.1% = 1000 ppm
2. RL = Reporting Limit (報告極限值)
3. 本報告不得分離或擷錄使用。(The report is invalid if it is partly reproduced or used.)
4. 測試結果的符合性判定不納入量測不確定度。(The statement of conformity is based on the test results, but does not include the measurement uncertainty.)
5. (Δ): 此項目轉包予台灣檢驗科技股份有限公司材料暨工程實驗室-台北進行測試。(The testing item(s) was/were subcontracted to SGS Taiwan Ltd. Material & Engineering Laboratory – Taipei.)

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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.)

**HKF22A00021****\*\* 報告結尾 (End of Report) \*\***

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