

# 測試報告 Test Report

報告編號(No.): HTF21600036

報告日期(DATE): 2021/06/10

頁數(PAGE): 1 of 7

裕蘭環保科技有限公司 ( YULAN GREEN TECHNOLOGY CO., LTD. )

宜蘭縣蘇澳鎮龍德里德興二路3號 ( NO. 3, DEXING 2ND RD., SUAO TOWNSHIP, YILAN COUNTY 270, 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) :

樣品名稱(Sample Description) : 780ml BOWL  
 樣品包裝/數量(Sample Package/ Quantity) : 散裝 ( BULK PACKAGING ) / 19  
 樣品保存方式(Sample Packaging) : 常溫 ( AMBIENT TEMP. )  
 樣品型號(Style/Item No.) : YL1905  
 樣品批號(Lot. No.) : -  
 樣品材質(Sample Material) : 紙類  
 送樣廠商(Sample Submitted By) : 裕蘭環保科技有限公司 ( YULAN GREEN TECHNOLOGY CO., LTD. )  
 送樣廠商地址/電話/聯絡人(Company Add/Tel/Contact Person) : 宜蘭縣蘇澳鎮龍德里德興二路3號(NO. 3, DEXING 2ND RD., SUAO TOWNSHIP, YILAN COUNTY 270, TAIWAN (R.O.C.)) / 03-9902900 / 郭昕昀  
 製造日期(Manufacturing Date) : 2021/05/01  
 有效日期(Expiry Date) : 2022/05/01  
 原產國(Country Of Origin) : 台灣 ( TAIWAN )

收件日(Sample Receiving Date) : 2021/06/01  
 測試期間(Testing Period) : 2021/06/01 to 2021/06/10

測試需求 (Test Requested) :  
 依據客戶指定，參考中華民國食品器具容器包裝衛生標準 (102.08.20部授食字第1021350146號令修正) 進行測試。測試項目請參閱測試結果表格。(As specified by client, with reference to Sanitation Standard for Food Utensils, Containers and Packages (MOHW Food No. 1021350146, amended on 2013/08/20) to conduct test. Please refer to the result table(s) for testing item(s).)

測試結果(Test Results) : 請見下一頁。(Please refer to next page(s).)

蕭志祥  
 蕭志祥 / 副理  
 化學實驗室 - 台北  
 台灣檢驗科技股份有限公司  
 報告簽署人



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### 測試部位敘述(Test Part Description)

No.1 : 白色碗 (WHITE BOWL)

### 測試結果(Test Results)

| 測試項目<br>(Test Item(s))  | 測試方法<br>(Method)  | 單位<br>(Unit) | LOQ/<br>LOD | 結果<br>(Result)     | 食品衛生<br>法規<br>(Limit) |
|---|---|--------------|-------------|--------------------|-----------------------|
|   |   |              |             | No.1               |                       |
| ★螢光增白劑 / Fluorescent Brightening Agents   | 食品器具、容器、包裝檢驗方法-未以塑膠淋膜紙類製品之檢驗 (107年9月27日衛授食字第1071901922號公告) 。 / With reference to Methods of Test for Food Utensils, Containers and Packages - Test of Plastic Uncoated Paper Products (MOHW Food No. 1071901922 announced, September 27, 2018).                                   | -            | -           | 未檢出 / Not detected | 不得檢出 / Negative       |
| ★砷以As <sub>2</sub> O <sub>3</sub> 計-(水, 95°C, 30分鐘) / Arsenic (As) (as As <sub>2</sub> O <sub>3</sub> )-(water, 95°C, 30 min)             | 食品器具、容器、包裝檢驗方法-未以塑膠淋膜紙類製品之檢驗 (107年9月27日衛授食字第1071901922號公告) 。 / With reference to Methods of Test for Food Utensils, Containers and Packages - Test of Plastic Uncoated Paper Products (MOHW Food No. 1071901922 announced, September 27, 2018), analysis was performed by ICP-MS. | ppm          | 0.02*       | n.d.               | 0.1                   |
| ★砷以As <sub>2</sub> O <sub>3</sub> 計-(4%醋酸, 95°C, 30分鐘) / Arsenic (As) (as As <sub>2</sub> O <sub>3</sub> )-(4% acetic acid, 95°C, 30 min) |   | ppm          | 0.02*       | n.d.               | 0.1                   |

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宜蘭縣蘇澳鎮龍德里德興二路3號 (NO. 3, DEXING 2ND RD., SUAO TOWNSHIP, YILAN COUNTY 270, TAIWAN (R.O.C.))

| 測試項目<br>(Test Item(s))   | 測試方法<br>(Method)  | 單位<br>(Unit) | LOQ/<br>LOD | 結果<br>(Result) | 食品衛生<br>法規<br>(Limit) |
|--|---|--------------|-------------|----------------|-----------------------|
|  |   |              |             | No.1           |                       |
| ★甲醛-(水, 95°C, 30分鐘) /<br>Formaldehyde-(water, 95°C, 30 min)                              | 食品器具、容器、包裝檢驗方法-未以<br>塑膠淋膜紙類製品之檢驗 (107年9月27<br>日衛授食字第1071901922號公告) · 以<br>分光光度計分析。 / With reference to<br>Methods of Test for Food Utensils,<br>Containers and Packages - Test of<br>Plastic Uncoated Paper Products<br>(MOHW Food No. 1071901922<br>announced, September 27, 2018),<br>analysis was performed by<br>spectrophotometer. | ppm          | 4           | n.d.           | 陰性 /<br>Negative      |
| ★重金屬(以鉛計)-(4%醋酸, 95°C, 30分<br>鐘) / Heavy metal (as Pb)-(4% acetic<br>acid, 95°C, 30 min) |   | ppm          | -           | <1             | 1                     |
| ★蒸發殘渣-(水, 95°C, 30分鐘) /<br>Evaporation residue-(water, 95°C, 30<br>min)                  |   | ppm          | 3           | 20             | 30                    |
| ★蒸發殘渣-(20%酒精, 60°C, 30分鐘) /<br>Evaporation residue-(20% alcohol, 60°C,<br>30 min)        |   | ppm          | 3           | 13             | 30                    |
| ★氯仿可溶物-(4%醋酸, 95°C, 30分鐘) /<br>Chloroform soluble-(4% acetic acid,<br>95°C, 30 min)      |   | ppm          | 3           | n.d.           | 40                    |
| ★氯仿可溶物-(正庚烷, 25°C, 1小時) /<br>Chloroform soluble-(n-Heptane, 25°C, 1<br>hr)               |   | ppm          | 3           | 38             | 40                    |

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宜蘭縣蘇澳鎮龍德里德興二路3號 (NO. 3, DEXING 2ND RD., SUAO TOWNSHIP, YILAN COUNTY 270, TAIWAN (R.O.C.))

## 備註(Note):

1. 檢驗報告僅就委託者之委託事項提供檢驗結果，不對產品合法性做判斷。(The test report merely reflects the test results of the consigned matters of the client and is not a certification of the legitimacy of the related products.)
2. 本檢驗報告之所有檢驗內容，均依委託事項執行檢驗，如有不實，願意承擔完全責任。(All contents in the test report are conducted according to the customer-specified items. If there is any falsehood, we are willing to take corresponding responsibility.)
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. mg/kg = ppm ; 0.1wt% = 1000 ppm
5. LOQ = 定量極限，若該測試項目屬於定量分析則以「LOQ」表示；LOD = 偵測極限，若該測試項目屬於定性分析則以「LOD」表示。(LOQ = Limit of Quantification, for quantitative analyses; LOD = Limit of Detection, for qualitative analyses.)
6. n.d. = Not Detected (未檢出) = Less than (小於) LOQ/LOD = Negative (陰性)
7. "-" = Not Regulated (無規格值)
8. Negative = 未檢出 / 陰性 ; Positive = 檢出 / 陽性
9. "\*" = 以As為分析物 / Arsenic is the target analyte.
10. 測試項目名稱旁有★者，為本實驗室通過衛生福利部食品藥物管理署認證項目。(The test method marked with ★ is accredited by MOHW.)
11. 法規標準值係依據衛生福利部食品藥物管理署102年08月20日部授食字第1021350146號令 食品器具容器包裝衛生標準之法規限值。(The limit value(s) is/are according to "Sanitation Standard for Food Utensils, Containers and Packages (MOHW Food No. 1021350146, amended on 2013/08/20)", Taiwan Food and Drug Administration, Ministry of Health and Welfare.)

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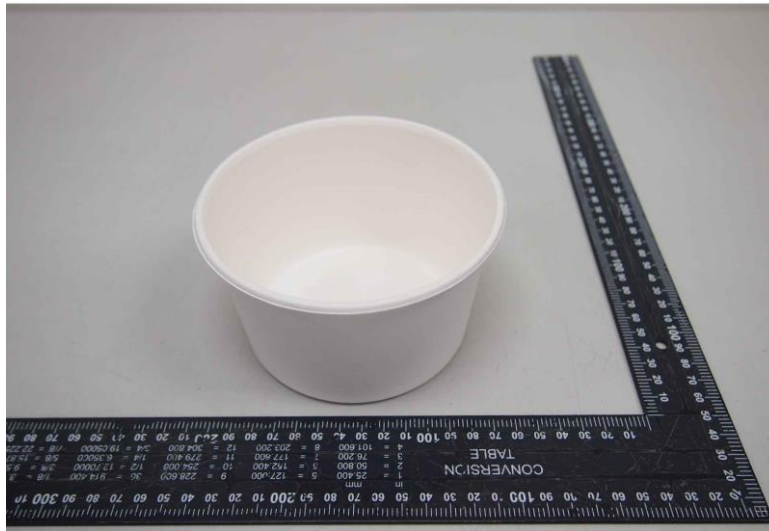
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\* 照片中如有箭頭標示，則表示為實際檢測之樣品/部位。 \*

(The tested sample / part is marked by an arrow if it's shown on the photo.)

**HTF21600036****\*\* 報告結尾 (End of Report) \*\***

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以下為申請廠商委託測試項目、測試方法、定量/偵測極限：

( The information requested from client is shown as below : )

HTF21600036

| 測試項目<br>(Test Items)  | 測試方法<br>(Method)   | LOQ/LOD  |
|---|--|--|
| ★螢光增白劑 / Fluorescent Brightening Agents   | 食品器具、容器、包裝檢驗方法-未以塑膠淋膜紙類製品之檢驗 (107年9月27日衛授食字第 1071901922號公告) 。 / With reference to Methods of Test for Food Utensils, Containers and Packages - Test of Plastic Uncoated Paper Products (MOHW Food No. 1071901922 announced, September 27, 2018).   | 詳見測試結果之定量/偵測極限。(Please refer to the result table above.) |
| ★砷以As <sub>2</sub> O <sub>3</sub> 計-(水, 95°C, 30分鐘) / Arsenic (As) (as As <sub>2</sub> O <sub>3</sub> )-(water, 95°C, 30 min)             | 食品器具、容器、包裝檢驗方法-未以塑膠淋膜紙類製品之檢驗 (107年9月27日衛授食字第 1071901922號公告) 。以感應耦合電漿儀質譜分析。 / With reference to Methods of Test for Food Utensils, Containers and Packages - Test of Plastic Uncoated Paper Products (MOHW Food No. 1071901922 announced, September 27, 2018), analysis was performed by ICP-MS.        |  |
| ★砷以As <sub>2</sub> O <sub>3</sub> 計-(4%醋酸, 95°C, 30分鐘) / Arsenic (As) (as As <sub>2</sub> O <sub>3</sub> )-(4% acetic acid, 95°C, 30 min) |  |  |
| ★甲醛-(水, 95°C, 30分鐘) / Formaldehyde-(water, 95°C, 30 min)  | 食品器具、容器、包裝檢驗方法-未以塑膠淋膜紙類製品之檢驗 (107年9月27日衛授食字第 1071901922號公告) 。以分光光度計分析。 / With reference to Methods of Test for Food Utensils, Containers and Packages - Test of Plastic Uncoated Paper Products (MOHW Food No. 1071901922 announced, September 27, 2018), analysis was performed by spectrophotometer. |  |

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以下為申請廠商委託測試項目、測試方法、定量/偵測極限：

( The information requested from client is shown as below : )

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| 測試項目<br>(Test Items)  | 測試方法<br>(Method)  | LOQ/LOD  |
|---|---|--|
| ★重金屬(以鉛計)-(4%醋酸, 95°C, 30分鐘) / Heavy metal (as Pb)-(4% acetic acid, 95°C, 30 min) | 食品器具、容器、包裝檢驗方法-未以塑膠淋膜紙類製品之檢驗 (107年9月27日衛授食字第1071901922號公告) 。 / With reference to Methods of Test for Food Utensils, Containers and Packages - Test of Plastic Uncoated Paper Products (MOHW Food No. 1071901922 announced, September 27, 2018). | 詳見測試結果之定量/偵測極限。(Please refer to the result table above.) |
| ★蒸發殘渣-(水, 95°C, 30分鐘) / Evaporation residue-(water, 95°C, 30 min)                 |   |  |
| ★蒸發殘渣-(20%酒精, 60°C, 30分鐘) / Evaporation residue-(20% alcohol, 60°C, 30 min)       |   |  |
| ★氯仿可溶物-(4%醋酸, 95°C, 30分鐘) / Chloroform soluble-(4% acetic acid, 95°C, 30 min)     |   |  |
| ★氯仿可溶物-(正庚烷, 25°C, 1小時) / Chloroform soluble-(n-Heptane, 25°C, 1 hr)              |   |  |

測試項目名稱旁有★者，為本實驗室通過衛生福利部食品藥物管理署認證項目。(The test method marked with ★ is accredited by MOHW.)

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