

測試報告 Test Report

報告編號(No.): HTF21A00674

報告日期(DATE): 2021/11/03

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) : 12oz CUP
樣品包裝/數量(Sample Package/Quantity) : 散裝 (BULK PACKAGING) / 15
樣品保存方式(Sample Packaging) : 常溫 (AMBIENT TEMP.)
樣品型號(Style/Item No.) : YL12104
樣品批號(Lot. No.) : -
樣品材質(Sample Material) : 紙類 (PAPER)
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) : 2021/10/20
有效日期(Expiry Date) : 2022/10/20
原產國(Country Of Origin) : 台灣 (TAIWAN)
相同材質/顏色樣品名稱 (Description of Sample(s) with Same Material/Color) : 14oz CUP, 16oz CUP, 18oz CUP, COFFEE LID
相同材質/顏色樣品型號(Style/Item No. of Sample(s) with Same Material/Color) : YL12007, YL12106, YL12102, YL12101 EUROPEAN/AMERICAN VERSION

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收件日(Sample Receiving Date) : 2021/10/25
測試期間(Testing Period) : 2021/10/25 to 2021/11/03

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 : 白色紙杯 (WHITE PAPER CUP)

測試結果(Test Results)

測試項目 (Test Item(s))	測試方法 (Method)	單位 (Unit)	LOQ/ LOD	結果 (Result)	食品衛生 法規 (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) 。 / 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 ₂ O ₃ 計-(水, 95°C, 30分鐘) / Arsenic (As) (as As ₂ O ₃)-(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) 。 / 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 ₂ O ₃ 計-(4%醋酸, 95°C, 30分鐘) / Arsenic (As) (as As ₂ O ₃)-(4% acetic acid, 95°C, 30 min)		ppm	0.02*	n.d.	0.1
★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) 。 / 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.	ppm	4	n.d.	陰性 / Negative

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測試項目 (Test Item(s))	測試方法 (Method)	單位 (Unit)	LOQ/ LOD	結果 (Result) No.1	食品衛生 法規 (Limit)
★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) 。 / Methods of Test for Food Utensils, Containers and Packages - Test of Plastic Uncoated Paper Products (MOHW Food No. 1071901922 announced, September 27, 2018).	ppm	-	<1	1
★蒸發殘渣-(水, 95°C, 30分鐘) / Evaporation residue-(water, 95°C, 30 min)		ppm	3	13	30
★蒸發殘渣-(正庚烷, 25°C, 1小時) / Evaporation residue-(n-Heptane, 25°C, 1 hr)		ppm	3	24	30
★蒸發殘渣-(20%酒精, 60°C, 30分鐘) / Evaporation residue-(20% alcohol, 60°C, 30 min)		ppm	3	9	30
★氯仿可溶物-(4%醋酸, 95°C, 30分鐘) / Chloroform soluble-(4% acetic acid, 95°C, 30 min)		ppm	3	n.d.	40

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)

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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)", Ministry of Health and Welfare of Taiwan.)
12. 此用途為驗貨報告。(This testing report is subject to inspection.)

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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.)

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** 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 :)

HTF21A00674

測試項目 (Test Items)	測試方法 (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) 。 / 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 ₂ O ₃ 計-(水, 95°C, 30分鐘) / Arsenic (As) (as As ₂ O ₃)-(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。 / 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 ₂ O ₃ 計-(4%醋酸, 95°C, 30分鐘) / Arsenic (As) (as As ₂ O ₃)-(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。 / 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 (Test Items)	測試方法 (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) 。 / 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-(正庚烷, 25°C, 1小時) / Evaporation residue-(n-Heptane, 25°C, 1 hr)		
★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)		

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

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