

Test Report

六和化工股份有限公司 (UNION CHEMICAL IND. CO., LTD.) 台北市中山區德惠街9號6樓 (6TH FL., NO. 9, DE-HUI STREET, JHONG-SHAN DISTRICT, TAIPEI 10461, 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:):

樣品名稱(Sample Description) : TEABAG FILTER PAPER (茶包濾紙)

樣品包裝/數量(Sample : 請參考報告末頁樣品照片 (PLEASE REFER TO THE SAMPLE PHOTO AT THE

Package/Quantity) END OF THE REPORT) / -

樣品保存方式(Sample Packaging) : 常溫 (Ambient temp.)

樣品型號(Style/Item No.) : 熱封型濾紙 (HEATSEAL FILTER PAPER)

樣品批號(Lot. No.) : -

樣品材質(Sample Material) : 麻&木漿 (ABACA&WOOD PULP)

送樣廠商(Sample Submitted By) : - 送樣廠商地址/電話/聯絡人(Company : -

Add/Tel/Contact Person)

製造日期(Manufacturing Date) : -有效日期(Expiry Date) : -

收件日(Sample Receiving Date) : 24-Jan-2022

測試期間(Testing Period) : 24-Jan-2022 to 09-Feb-2022

測試需求 (Test Requested)

- (1) 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).)
- (2) 依據客戶要求進行測試,測試項目請參閱測試結果表格。 (The test was specified by client, 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).)





PIN CODE: 92827322

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新北市五股區新北產業園區五權七路 25 號 t+886(02)2299 3939 f+886(02)2299 3237 25, Wu Chyuan 7th Road, New Taipei Industrial Park, Wu Ku District, New Taipei City, Taiwan



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測試部位敘述(Test Part Description)

No.1 : <u>白色棉紙 (WHITE COTTON PAPER)</u>

測試結果(Test Results)

(1)

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)
★螢光增白劑 / Fluorescent Brightening Agents	食品器具、容器、包裝檢驗方法-植物纖維紙類製品之檢驗 (102年9月6日部授食字第1021950329號公告)。/ With reference to Methods of Test for Food Utensils, Containers and Packages - Test of Plant Fiber Paper Products (MOHW Food No. 1021950329 announced, September 6, 2013).	T	P	未檢出 / Negative	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).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.	ppm	0.02*	n.d.	0.1
★蒸發殘渣-(水, 95°C, 30分鐘) / Evaporation residue-(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).	ppm	3	n.d.	30

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(1)

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)
★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.	ppm	4	n.d.	陰性 / Negative

(2)

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)
高錳酸鉀消耗量-(水, 95℃, 30分鐘) / Potassium permanganate consumption- (water, 95℃, 30 min)	食品器具、容器、包裝檢驗方法-塑膠類之檢驗 (107年10月4日衛授食字第 1071901983號公告)。/ With reference to Methods of Test for Food Utensils, Containers and Packages - Test of Plastics (MOHW Food No. 1071901983 announced, October 04, 2018). 註:實驗室擴充原方法適用基質、非屬食藥署該項認證範圍。/ Remark: The test method was applied to the material out of the scope from MOHW accreditation.	ppm	3	n.d.	-



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(2)

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)
鄰苯二甲酸二(2-乙基己基)酯 / DEHP (Di- (2-ethylhexyl) phthalate) (CAS No.: 117- 81-7)		%	0.003	n.d.	-
鄰苯二甲酸二丁酯 / DBP (Di-n-butyl phthalate) (CAS No.: 84-74-2)	CNS 15138-1 (民國101年),以氣相層析質譜儀分析。/ With reference to CNS 15138-1 (2012), analysis was performed by GC/MS.	%	0.003	n.d.	-
鄰苯二甲酸丁苯甲酯 / BBP (Butyl Benzyl phthalate) (CAS No.: 85-68-7)		%	0.003	n.d.	-
鄰苯二甲酸二異癸酯 / DIDP (Diisodecyl phthalate) (CAS No.: 26761-40-0; 68515-49-1)		%	0.01	n.d.	-
鄰苯二甲酸二異壬酯 / DINP (Diisononyl phthalate) (CAS No.: 28553-12-0; 68515-48-0)		%	0.01	n.d.	-
鄰苯二甲酸二甲酯 / DMP (Dimethyl phthalate) (CAS No.: 131-11-3)		%	0.003	n.d.	-
鄰苯二甲酸二正辛酯 / DNOP (Di-n-octyl phthalate) (CAS No.: 117-84-0)		%	0.003	n.d.	-
鄰苯二甲酸二乙酯 / DEP (Diethyl phthalate) (CAS No.: 84-66-2)		%	0.003	n.d.	-



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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. mg/kg = ppm; 0.1wt% = 1000 ppm
- 4. 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.)
- 5. n.d. = Not Detected (未檢出) = Less than (小於) LOQ/LOD = Negative (陰性)
- 6. "-" = Not Regulated (無規格值)
- 7. "*" = 以As為分析物 / Arsenic is the target analyte.
- 8. Negative = 未檢出 / 陰性; Positive = 檢出 / 陽性
- 9. 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.)
- 10. 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.)
- 11. 本測試報告取代ETF22100093 · 原測試報告作廢。(This test report supersedes the previous document bearing the report number ETF22100093, the report ETF22100093 was voided.)



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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.)

ETF22100093



** 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:)

ETF22100093V01

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-植物纖維紙類製品之檢驗 (102年9月6日部授食字第1021950329號公告)。/ With reference to Methods of Test for Food Utensils, Containers and Packages - Test of Plant Fiber Paper Products (MOHW Food No. 1021950329 announced, September 6, 2013).	
★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。/ 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.	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)	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).	



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

ETF22100093V01

測試項目 (Test Items)	測試方法 (Method)	LOQ/LOD
★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.	
高錳酸鉀消耗量-(水, 95℃, 30分鐘) / Potassium permanganate consumption- (water, 95℃, 30 min)	食品器具、容器、包裝檢驗方法-塑膠類之檢驗 (107年10月4日衛授食字第1071901983號公告)。 / With reference to Methods of Test for Food Utensils, Containers and Packages - Test of Plastics (MOHW Food No. 1071901983 announced, October 04, 2018). 註:實驗室擴充原方法適用基質、非屬食藥署該項 認證範圍。/ Remark: The test method was applied to the material out of the scope from MOHW accreditation.	詳見測試結果之定量/偵測極 限。(Please refer to the result table above.)
鄰苯二甲酸二(2-乙基己基)酯 / DEHP (Di-(2-ethylhexyl) phthalate) (CAS No.: 117-81-7) 鄰苯二甲酸二丁酯 / DBP (Di-n-butyl phthalate) (CAS No.: 84-74-2) 鄰苯二甲酸丁苯甲酯 / BBP (Butyl Benzyl phthalate) (CAS No.: 85-68-7) 鄰苯二甲酸二異癸酯 / DIDP (Diisodecyl phthalate) (CAS No.: 26761-40-0; 68515-49-1)	CNS 15138-1 (民國101年)‧以氣相層析質譜儀分析。/ With reference to CNS 15138-1 (2012), analysis was performed by GC/MS.	

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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:)

ETF22100093V01

測試項目 (Test Items)	測試方法 (Method)	LOQ/LOD
鄰苯二甲酸二異壬酯 / DINP (Diisononyl phthalate) (CAS No.: 28553-12-0; 68515-48-0)		
鄰苯二甲酸二甲酯 / DMP (Dimethyl phthalate) (CAS No.: 131-11-3)	CNS 15138-1 (民國101年) · 以氣相層析質譜儀 分析。/ With reference to CNS 15138-1	詳見測試結果之定量/偵測極限。(Please refer to the
鄰苯二甲酸二正辛酯 / DNOP (Di-n-octyl phthalate) (CAS No.: 117-84-0) 鄰苯二甲酸二乙酯 / DEP (Diethyl phthalate) (CAS No.: 84-66-2)	(2012), analysis was performed by GC/MS.	result table above.)

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.)