

報告編號(No.): HTF25700107

報告日期(DATE): 2025/07/15

頁數(PAGE): 1 of 9

旭源包裝科技股份有限公司 (XU YUAN PACKAGING TECHNOLOGY CO., LTD.)

嘉義縣大林鎮大美里19鄰大埔美園區二路7號 (NO. 7, YUANQU 2ND RD., DAPUMEI, DAMEI VILLAGE, DALIN TOWNSHIP, CHIAYI COUNTY 62250, 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) : 旭源-AL鋁箔膠膜捲-PET+AL+LLDPE

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

Quantity) THE END OF THE REPORT) /-

樣品保存方式(Sample Packaging) : 常溫 (AMBIENT TEMP.) 樣品型號(Style/Item No.) : -

樣品批號(Lot. No.) : -

樣品材質(Sample Material) : PET+AL+LLDPE

送樣廠商(Sample Submitted By) : 旭源包裝科技股份有限公司 (XU YUAN PACKAGING TECHNOLOGY CO.,

LTD.)

送樣廠商地址/電話/聯絡人(Company

Add/Tel/Contact Person)

嘉義縣大林鎮大美里19鄰大埔美園區二路7號(NO. 7, YUANQU 2ND RD., DAPUMEI, DAMEI VILLAGE, DALIN TOWNSHIP, CHIAYI COUNTY 62250,

TAIWAN, R.O.C.) / 05-2952888 / 林怡恬

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

收件日(Sample Receiving Date) : 2025/07/04

測試期間(Testing Period) : 2025/07/04 to 2025/07/15

測試需求 (Test Requested)

依據之食品衛生法規為中華民國食品器具容器包裝衛生標準 (112.01.11衛授食字第1111303439號令修正)。測試項目與方法請參閱測試結果表格。 (According to Sanitation Standard for Food Utensils, Containers and Packages (MOHW Food No. 1111303439, amended on 2023/01/11) 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).)





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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 No. 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 : 軟性包材 (整體樣品) (FLEXIBLE PACKAGING (WHOLE SAMPLE))

No.2 : 軟性包材 (與食物接觸面) (FLEXIBLE PACKAGING (FOOD CONTACT SIDE))

測試結果(Test Results)

測試項目 (Test Item(s))	測試方法 (Method)	單位 (Unit)	LOQ/ LOD		果 sult)	食品衛 生法規
(162116111(2))	(Method)	(Oilit)	.,	No.1	No.2	(Limit)
★高錳酸鉀消耗量-(水, 95℃, 30分鐘) / Potassium permanganate consumption- (water, 95℃, 30 min)	衛生福利部107.09.17衛授食字第 1071901780號公告修正食品器具、 容器、包裝檢驗方法-聚乙烯塑膠類 之檢驗。 / Methods of Test for Food Utensils, Containers and Packages - Test of Polyethylene (PE) Plastic Products (MOHW Food No.	ppm	3		n.d.	10
★蒸發殘渣-(水, 95℃, 30分鐘) / Evaporation residue-(water, 95℃, 30 min)		ppm	3		n.d.	30
★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)		ppm	1		<1	1
★蒸發殘渣-(4%醋酸, 95℃, 30分鐘) / Evaporation residue-(4% acetic acid, 95℃, 30 min)		ppm	3	1	n.d.	30
★蒸發殘渣-(正庚烷, 25℃, 1小時) / Evaporation residue-(n-Heptane, 25℃, 1 hr)	1071901780 announced, September 17, 2018).	ppm	3		5	150 (*2)
★蒸發殘渣-(20%乙醇, 60℃, 30分鐘) / Evaporation residue-(20% ethanol, 60℃, 30 min)		ppm	3		n.d.	30



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測試項目 (Test Item(s))	測試方法 (Method)	單位 (Unit)	LOQ/ LOD		果 sult)	食品衛 生法規
(Test item(s))	(Metriou)	(Ollit)		No.1	No.2	(Limit)
★鄰苯二甲酸二(2-乙基己基)酯 (正庚烷, 25℃, 1小時) / DEHP (Di-(2-ethylhexyl) phthalate) (CAS No.: 117-81-7) (n-Heptane, 25℃, 1 hr)	衛生福利部107.10.04衛授食字第 1071901983號公告修正食品器具、 容器、包裝檢驗方法-塑膠類之檢 驗。/ Methods of Test for Food Utensils, Containers and Packages - Test of Plastics (MOHW Food No. 1071901983 announced, October 04, 2018).	ppm	0.05	-	n.d.	1.5
★鄰苯二甲酸二丁酯 (正庚烷, 25℃, 1小時) / DBP (Di-n-butyl phthalate) (CAS No.: 84-74-2) (n-Heptane, 25℃, 1 hr)		ppm	0.05		n.d.	0.3
★鄰苯二甲酸丁苯甲酯 (正庚烷, 25℃, 1小時) / BBP (Butyl Benzyl phthalate) (CAS No.: 85-68-7) (n-Heptane, 25℃, 1 hr)		ppm	0.05		n.d.	30
★鄰苯二甲酸二異癸酯 (正庚烷, 25℃, 1小時) / DIDP (Diisodecyl phthalate) (CAS No.: 26761-40-0; 68515-49-1) (n-Heptane, 25℃, 1 hr)		ppm	0.5		n.d.	9
★鄰苯二甲酸二異壬酯 (正庚烷, 25℃, 1小時) / DINP (Diisononyl phthalate) (CAS No.: 28553-12-0; 68515-48-0) (n-Heptane, 25℃, 1 hr)		ppm	0.5		n.d.	9
★己二酸二(2-乙基己基)酯 (正庚烷, 25℃, 1小時) / DEHA (Di-2-ethylhexyl Adipate) (CAS No.: 103-23-1) (n-Heptane, 25℃, 1hr)		ppm	0.05		n.d.	18



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測試項目 (Test Item(s))	測試方法 (Method)		LOQ/ LOD	結果 (Result)		食品衛 生法規
(Test item(s))	(Metriod)		LOD	No.1	No.2	(Limit)
鉛 / Lead (Pb)	衛生福利部107.10.04衛授食字第 1071901983號公告修正食品器具、容器、包裝檢驗方法-塑膠類之檢驗。/ 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,非屬衛生福利部該項認證範圍。/Remark: The test method was applied to the material out of the scope from MOHW accreditation.	ppm	5	n.d.		100
鎘 / Cadmium (Cd)		ppm	0.5	n.d.	-	100
鄰苯二甲酸二乙酯 / DEP (Diethyl phthalate)		%	0.003	n.d.	-	0.1
(CAS No.: 84-66-2) 鄰苯二甲酸三正辛酯 / DNOP (Di-n-octyl phthalate) (CAS No.: 117-84-0)		%	0.003	n.d.		0.1
鄰苯二甲酸二甲酯 / DMP (Dimethyl phthalate) (CAS No.: 131-11-3)	CNS 15138-1·Z8139-1:塑膠製品中鄰苯二甲酸酯類塑化劑試驗法-第1	%	0.003	n.d.		0.1
鄰苯二甲酸二異壬酯 / DINP (Diisononyl phthalate) (CAS No.: 28553-12-0; 68515- 48-0)	部-氣相層析質譜法。 / CNS 15138-1 Z8139-1 Method of test for determination of phthalates plasticizers in plastic products - Part 1: Gas chromatography/mass spectrometry. 註:實驗室擴充原方法適用基質,非屬衛生福利部該項認證範圍。 /Remark: The test method was applied to the material out of the scope from MOHW accreditation.	%	0.01	n.d.		0.1
鄰苯二甲酸二異癸酯 / DIDP (Diisodecyl phthalate) (CAS No.: 26761-40-0; 68515- 49-1)		%	0.01	n.d.		0.1
鄰苯二甲酸丁苯甲酯 / BBP (Butyl Benzyl phthalate) (CAS No.: 85-68-7)		%	0.003	n.d.		0.1
鄰苯二甲酸二丁酯 / DBP (Di-n-butyl phthalate) (CAS No.: 84-74-2)		%	0.003	n.d.		0.1
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.		0.1

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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. 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
- 7. "-" = Not Regulated (無規格值)
- 8. "---" = Not Conducted (未測項目)
- 9. (*2): 針對加工及調理過程溫度100℃以下之產品。 (For the products which are heated to not higher than 100℃ during food processing and cooking.)
- 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112年01月11日衛授食字第1111303439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. 1111303439, amended on 2023/01/11)", Ministry of Health and Welfare of Taiwan.)



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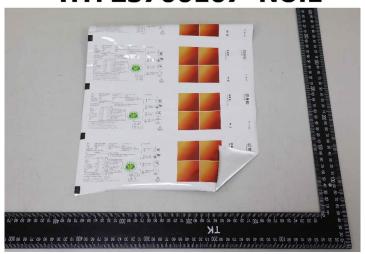
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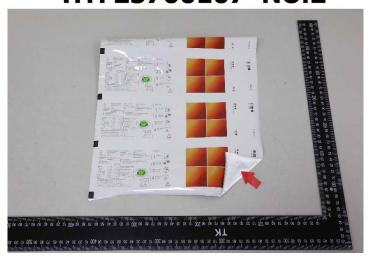
*照片中如有箭頭標示,則表示為實際檢測之樣品/部位。 *

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

HTF25700107 NO.1



HTF25700107 NO.2



** 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:)

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測試項目 (Test Items)	測試方法 (Method)	LOQ/LOD
★高錳酸鉀消耗量-(水, 95°C, 30分鐘) / Potassium permanganate consumption-(water, 95°C, 30 min) ★蒸發殘渣-(水, 95°C, 30分鐘) / Evaporation residue-(water, 95°C, 30 min) ★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) ★蒸發殘渣-(4%醋酸, 95°C, 30分鐘) / Evaporation residue-(4% acetic acid, 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%乙醇, 60°C, 30分鐘) / Evaporation residue-(20% ethanol, 60°C, 30 min)		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 (正庚烷, 25°C, 1小時) / DEHP (Di-(2-ethylhexyl) phthalate) (CAS No.: 117-81-7) (n-Heptane, 25°C, 1 hr) ★鄰苯二甲酸二丁酯 (正庚烷, 25°C, 1小時) / DBP (Di-n-butyl phthalate) (CAS No.: 84-74-2) (n-Heptane, 25°C, 1 hr)	衛生福利部107.10.04衛授食字第1071901983號公告 修正食品器具、容器、包裝檢驗方法-塑膠類之檢驗。 / Methods of Test for Food Utensils, Containers and Packages - Test of Plastics (MOHW Food No. 1071901983 announced, October 04, 2018).	



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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
★鄰苯二甲酸丁苯甲酯 (正庚烷, 25°C, 1小時) / BBP (Butyl Benzyl phthalate) (CAS No.: 85-68-7) (n-Heptane, 25°C, 1 hr) ★鄰苯二甲酸二異癸酯 (正庚烷, 25°C, 1小時) / DIDP (Diisodecyl phthalate) (CAS No.: 26761-40-0; 68515-49-1) (n-Heptane, 25°C, 1 hr) ★鄰苯二甲酸二異壬酯 (正庚烷, 25°C, 1小時) / DINP (Diisononyl phthalate) (CAS No.: 28553-12-0; 68515-48-0) (n-Heptane, 25°C, 1 hr) ★己二酸二(2-乙基己基)酯 (正庚烷, 25°C, 1 小時) / DEHA (Di-2-ethylhexyl Adipate) (CAS No.: 103-23-1) (n-Heptane, 25°C, 1 hr)	衛生福利部107.10.04衛授食字第1071901983號公告 修正食品器具、容器、包裝檢驗方法-塑膠類之檢驗。 / Methods of Test for Food Utensils, Containers and Packages - Test of Plastics (MOHW Food No. 1071901983 announced, October 04, 2018).	詳見測試結果之定量/偵測 極限。(Please refer to the result table above.)
鉛 / Lead (Pb) 鎘 / Cadmium (Cd)	衛生福利部107.10.04衛授食字第1071901983號公告修正食品器具、容器、包裝檢驗方法-塑膠類之檢驗。/ 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・非屬衛生福利部該項認證範圍。/Remark: The test method was applied to the material out of the scope from MOHW accreditation.	



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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:)

HTF25700107

測試項目 (Test Items)	測試方法 (Method)	LOQ/LOD
娜苯二甲酸二乙酯 / DEP (Diethyl phthalate) (CAS No.: 84-66-2) 娜苯二甲酸二正辛酯 / DNOP (Di-n-octyl phthalate) (CAS No.: 117-84-0) 娜苯二甲酸二甲酯 / DMP (Dimethyl phthalate) (CAS No.: 131-11-3) 娜苯二甲酸二異壬酯 / DINP (Diisononyl phthalate) (CAS No.: 28553-12-0; 68515-48-0) 娜苯二甲酸二異癸酯 / DIDP (Diisodecyl phthalate) (CAS No.: 26761-40-0; 68515-49-1) 娜苯二甲酸丁苯甲酯 / BBP (Butyl Benzyl phthalate) (CAS No.: 85-68-7) 娜苯二甲酸二丁酯 / DBP (Di-n-butyl phthalate) (CAS No.: 84-74-2) 娜苯二甲酸二(2-乙基己基)酯 / DEHP (Di-(2-ethylhexyl) phthalate) (CAS No.: 117-81-7)	CNS 15138-1·Z8139-1:塑膠製品中鄰苯二甲酸酯類塑化劑試驗法-第1部-氣相層析質譜法。/CNS 15138-1 Z8139-1 Method of test for determination of phthalates plasticizers in plastic products - Part 1: Gas chromatography/mass spectrometry. 註:實驗室擴充原方法適用基質,非屬衛生福利部該項認證範圍。/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.)

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.)