

Test Report

Add/Tel/Contact Person)

報告編號(No.): HTF24C00749 報告日期(DATE): 2025/01/08

頁數(PAGE): 1 of 9

勵億塑膠股份有限公司 (LIYIH PLASTICS CO., LTD.)

新北市新莊區民安東路178-180號 (NO.178-180, MIN-AN E. RD., XINZHUANG DIST., NEW TAIPEI CITY 242, 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) : CPP FILM

樣品包裝/數量(Sample Package/ : 散裝 (BULK PACKAGING) / 3~5米

Quantity)

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) : CPP

送樣廠商(Sample Submitted By) : 勵億塑膠股份有限公司 (LIYIH PLASTICS CO., LTD.)

送樣廠商地址/電話/聯絡人(Company : 新北市新莊區民安東路178-180號(NO.178-180, MIN-AN E. RD., XINZHUANG

DIST., NEW TAIPEI CITY 242, TAIWAN (R.O.C.)) / - / -

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

原產地/國(Country of Origin) : 台灣 (TAIWAN)

收件日(Sample Receiving Date) : 2024/12/28

測試期間(Testing Period) : 2024/12/28 to 2025/01/08

測試需求 (Test Requested)

(1) 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).)

(2) 依據之食品衛生法規為中華民國食品安全衛生管理法 (108.06.12) 第26條。測試項目與方法請參閱測試結果表格。 (According to Act Governing Food Sanitation Article 26 (amended and promulgated on 2019/06/12) 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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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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新北市新莊區民安東路178-180號 (NO.178-180, MIN-AN E. RD., XINZHUANG DIST., NEW TAIPEI CITY 242, TAIWAN (R.O.C.))

測試部位敘述(Test Part Description)

No.1 : 軟性包材(整體樣品) (FLEXIBLE PACKAGING (WHOLE SAMPLE))

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) |
|--|--|--------------|-------------|------------------------|-----------------------|
| ★鉛 / Lead (Pb) | | ppm | 5 | n.d. | 100 |
| ★鎘 / Cadmium (Cd) | | ppm | 0.5 | n.d. | 100 |
| ★高錳酸鉀消耗量-(水, 95°C, 30分鐘) / Potassium permanganate consumption- (water, 95°C, 30 min) | 衛生福利部107.09.17衛授食字第 1071901787號公告修正食品器具、 容器、包裝檢驗方法-聚丙烯塑膠類 之檢驗。/ Methods of Test for Food Utensils, Containers and Packages - Test of Polypropylene (PP) Plastic Products (MOHW Food No. 1071901787 announced, September 17, 2018). | ppm | 3 | n.d. | 10 |
| ★重金屬(以鉛計)-(4%醋酸, 95℃, 30分鐘) / Heavy metal (as Pb)-(4% acetic acid, 95℃, 30 min) | | ppm | - | <1 | 1 |
| ★蒸發殘渣-(水, 95℃, 30分鐘) / Evaporation residue-(water, 95℃, 30 min) | | ppm | 3 | n.d. | 30 |
| ★蒸發殘渣-(4%醋酸, 95℃, 30分鐘) / Evaporation residue-(4% acetic acid, 95℃, 30 min) | | ppm | 3 | 3 | 30 |
| ★蒸發殘渣-(正庚烷, 25℃, 1小時) / Evaporation residue-(n-Heptane, 25℃, 1 hr) | | ppm | 3 | n.d. | 150 (*2) |
| ★蒸發殘渣-(20%乙醇, 60°C, 30分鐘) / Evaporation residue-(20% ethanol, 60°C, 30 min) | | ppm | 3 | n.d. | 30 |



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新北市新莊區民安東路178-180號 (NO.178-180, MIN-AN E. RD., XINZHUANG DIST., NEW TAIPEI CITY 242, TAIWAN (R.O.C.))

(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) |
|---|--|--------------|-------------|------------------------|-----------------------|
| ★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 |
| ★鄰苯二甲酸二丁酯 / DBP (Di-n-butyl phthalate) (CAS No.: 84-74-2) | | % | 0.003 | n.d. | 0.1 |
| ★鄰苯二甲酸丁苯甲酯 / BBP (Butyl Benzyl phthalate) (CAS No.: 85-68-7) | CNS 15138-1,Z8139-1:塑膠製品 | % | 0.003 | n.d. | 0.1 |
| ★鄰苯二甲酸二異癸酯 / DIDP (Diisodecyl phthalate) (CAS No.: 26761-40-0; 68515-49-1) | 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. | % | 0.01 | n.d. | 0.1 |
| ★鄰苯二甲酸二異壬酯 / DINP (Diisononyl phthalate) (CAS No.: 28553-12-0; 68515-48-0) | | % | 0.01 | n.d. | 0.1 |
| ★鄰苯二甲酸二甲酯 / DMP (Dimethyl phthalate) (CAS No.: 131-11-3) | | % | 0.003 | n.d. | 0.1 |
| ★鄰苯二甲酸二正辛酯 / DNOP (Di-n-octyl phthalate) (CAS No.: 117-84-0) | | % | 0.003 | n.d. | 0.1 |
| ★鄰苯二甲酸二乙酯 / DEP (Diethyl phthalate) (CAS No.: 84-66-2) | | % | 0.003 | n.d. | 0.1 |
| ★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) | 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. | 30 |
| ★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) | | ppm | 0.5 | n.d. | 9 |

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新北市新莊區民安東路178-180號 (NO.178-180, MIN-AN E. RD., XINZHUANG DIST., NEW TAIPEI CITY 242, TAIWAN (R.O.C.))

(1)

| 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 |
|---|--|--------------|-------------|----------------|------------|
| (1001110111(0)) | (moniou) | (Ome) | | No.1 | (Limit) |
| ★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) | 衛生福利部107.10.04衛授食字第 1071901983號公告修正食品器具、 | ppm | 0.5 | n.d. | 9 |
| ★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) | 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. | ppm | 0.05 | n.d. | 1.5 |
| ★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℃, 1 hr) | 1071901983 announced, October 04, 2018). | ppm | 0.05 | n.d. | 18 |

(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) |
|--|--|--------------|-------------|--|--|
| ★耐熱性試驗 / Heat Tolerance (95°C, 1 h) | 衛生福利部106.11.13衛授食字第 1061902219號公告修正塑膠類食品 器具容器包裝之耐熱溫度標示符合性 試驗方法。/ Methods of Test for Labeling Conformance of Heat Tolerance of Plastic Food Utensils, Containers and Packages (MOHW Food No. 1061902219 announced, November 13, 2017). | - | - | 功能性正常 ·無變褪色 / No appearance change | 功能性正常 ·無變褪色 / No appearance change |

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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. (*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.)
- 9. 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.)
- 10. 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.)
- 11. 法規標準值係依據衛生福利部108年06月12日總統令 食品安全衛生管理法第26條之法規規定。 (The limit value(s) is/are according to "Act Governing Food Sanitation Article 26 (amended and promulgated on 2019/06/12)", Ministry of Health and Welfare of Taiwan.)



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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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新北市新莊區民安東路178-180號 (NO.178-180, MIN-AN E. RD., XINZHUANG DIST., NEW TAIPEI CITY 242, TAIWAN (R.O.C.))

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 |
|--|--|---|
| ★鉛 / Lead (Pb) ★錦 / Cadmium (Cd) ★高錳酸鉀消耗量-(水, 95°C, 30分鐘) / Potassium permanganate consumption-(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-(水, 95°C, 30分鐘) / Evaporation residue-(water, 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) | 衛生福利部107.09.17衛授食字第1071901787 號公告修正食品器具、容器、包裝檢驗方法-聚 丙烯塑膠類之檢驗。 / Methods of Test for Food Utensils, Containers and Packages - Test of Polypropylene (PP) Plastic Products (MOHW Food No. 1071901787 announced, September 17, 2018). | 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) | 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. | |



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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:)

HTF24C00749

| 測試項目 (Test Items) | 測試方法 (Method) | LOQ/LOD |
|---|---|---|
| ★鄰苯二甲酸二異癸酯 / DIDP (Diisodecyl phthalate) (CAS No.: 26761-40-0; 68515-49-1) | | |
| ★鄰苯二甲酸二異壬酯 / DINP (Diisononyl phthalate) (CAS No.: 28553-12-0; 68515-48-0) | 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 | |
| ★鄰苯二甲酸二甲酯 / DMP (Dimethyl phthalate) (CAS No.: 131-11-3) | determination of phthalates plasticizers in plastic products - Part 1: Gas chromatography/mass spectrometry. | |
| ★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) | | 詳見測試結果之定量/偵測極 |
| ★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) | | 限。(Please refer to the result table above.) |
| ★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) | 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 | |
| ★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) | 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). | |
| ★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) | | |



報告編號(No.): HTF24C00749

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Test Report

勵億塑膠股份有限公司 (LIYIH PLASTICS CO., LTD.)

新北市新莊區民安東路178-180號 (NO.178-180, MIN-AN E. RD., XINZHUANG DIST., NEW TAIPEI CITY 242, TAIWAN (R.O.C.))

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:)

HTF24C00749

| 測試項目 (Test Items) | 測試方法 (Method) | LOQ/LOD |
|---|--|--|
| 1 1 4 1 4 1 4 A A A A A A A A A A A A A | 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 |
| ★耐熱性試驗 / Heat Tolerance (95°C, 1 h) | 衛生福利部106.11.13衛授食字第1061902219 號公告修正塑膠類食品器具容器包裝之耐熱溫 度標示符合性試驗方法。 / Methods of Test for Labeling Conformance of Heat Tolerance of Plastic Food Utensils, Containers and Packages (MOHW Food No. 1061902219 announced, November 13, 2017). | 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.)