

Test Report

報告編號(No.): HTF22C00836 報告日期(DATE): 2023/01/09

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號 (NO.178, 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) : NY/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.)

樣品材質(Sample Material) : NY/CPP

送樣廠商(Sample Submitted By) : 關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號(NO.178, MIN-AN E. RD., XINZHUANG DIST.,

NEW TAIPEI CITY 242, TAIWAN (R.O.C.)) / 02-22032266 / -

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

原產國(Country of Origin) : 台灣 (TAIWAN)

收件日(Sample Receiving Date) : 2022/12/29

測試期間(Testing Period) : 2022/12/29 to 2023/01/09

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) 依據客戶指定,參考中華民國食品安全衛生管理法 (108.06.12) 第26條進行測試。測試項目請參閱測試結果表格。 (As specified by client, with reference 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)

Add/Tel/Contact Person)

: 請見下一頁。(Please refer to next page(s).)

蕭志祥/副理 化學實驗室-台北 台灣檢驗科技股份有限公 報告簽署人



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

測試部位敘述(Test Part Description)

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

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

測試結果(Test Results)

(1)

測試項目 /Tost Itom(s)	測試項目 測試方法 (Test Item(s)) (Method)	單位 LOQ/ (Unit) LOD	結果 (Result)		食品衛 生法規	
(Test item(s))	(Method)	(OIIII)	LOD	No.1	No.2	(Limit)
★鉛 / Lead (Pb)		ppm	5	n.d.		100
★鎘 / Cadmium (Cd)		ppm	0.5	n.d.		100
★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)	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℃, 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
★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(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)		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)		ppm	0.05		n.d.	18

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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號 (NO.178, 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! (Res	-	食品衛 生法規
	(Metriod)	(OIIII)	LOD	No.1	No.2	(Limit)
★鄰苯二甲酸二(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 15138-1Z8139-1 Method of test for determination of phthalates plasticizers in plastic products - Part 1: Gas chromatography/mass spectrometry.	%	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)		%	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)		%	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
★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	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)	Utensils, Containers and Packages - Test of Polypropylene (PP) Plastic Products (MOHW Food No. 1071901787 announced, September 17, 2018).	ppm	-		<1	1

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新北市新莊區民安東路178號 (NO.178, 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
(Test item(s))	(Metriod)	(OIIII)	200	No.1	No.2	(Limit)
★蒸發殘渣-(水, 95°C, 30分鐘) / Evaporation residue-(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	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		n.d.	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%酒精, 60°C, 30分鐘) / Evaporation residue-(20% alcohol, 60°C, 30 min)		ppm	3		n.d.	30

(2)

測試項目 (Test Item(s))	測試方法 (Method)	單位 LOQ/ (Unit) LOD				LOQ/				結果 (Result)		食品衛 生法規
(rest item(s))	(Method)		202	No.1	No.2	(Limit)						
★耐熱性試驗 / Heat Tolerance (100°C, 90 min)	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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新北市新莊區民安東路178號 (NO.178, MIN-AN E. RD., XINZHUANG DIST., NEW TAIPEI CITY 242, 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
- 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. 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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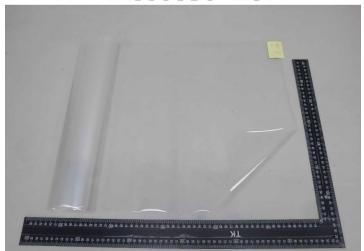
勵億塑膠股份有限公司 (LIYIH PLASTICS CO., LTD.)

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

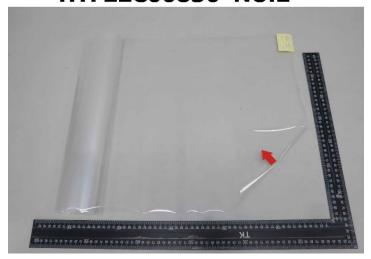
照片中如有箭頭標示,則表示為實際檢測之樣品/部位。

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

HTF22C00836 NO.1



HTF22C00836 NO.2



** 報告結尾 (End of Report) **

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新北市新莊區民安東路178號 (NO.178, 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:)

HTF22C00836

測試項目 (Tost Itams)	測試方法 (Method)	LOQ/LOD
#鉛 / Lead (Pb) ★錦 / Cadmium (Cd) ★娜苯二甲酸丁苯甲酯 (正庚烷, 25°C, 1小時) / BBP (Butyl Benzyl phthalate) (CAS No.: 85-68-7) (n-Heptane, 25°C, 1 hr) ★娜苯二甲酸二丁酯 (正庚烷, 25°C, 1小時) / DBP (Di-n-butyl phthalate) (CAS No.: 84-74-2) (n-Heptane, 25°C, 1 hr) ★娜苯二甲酸二異壬酯 (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) ★娜苯二甲酸二異癸酯 (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) ★娜苯二甲酸二(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) ★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)	(Method) 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.)

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新北市新莊區民安東路178號 (NO.178, 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:)

HTF22C00836

測試項目 (Test Items)	測試方法 (Method)	LOQ/LOD
★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) ★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) ★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)	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.	詳見測試結果之定量/偵測 極限。(Please refer to the result table above.)
★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)	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).	

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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號 (NO.178, 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:)

HTF22C00836

測試項目 (Test Items)	測試方法 (Method)	LOQ/LOD	
★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℃, 30分鐘) / Evaporation residue-(4% acetic acid, 95℃, 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		
★蒸發殘渣-(正庚烷, 25℃, 1小時) / Evaporation residue-(n-Heptane, 25℃, 1 hr)	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).		
★蒸發殘渣-(20%酒精, 60°C, 30分鐘) / Evaporation residue-(20% alcohol, 60°C, 30 min)	,	極限。(Please refer to the result table above.)	
★耐熱性試驗 / Heat Tolerance (100°C, 90 min)	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).		

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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