

測試報告 Test Report

號碼(No.) : CT/2015/10697A 日期(Date) : 2015/02/02 頁數(Page) : 1 of 6

圖騰包裝股份有限公司
TOTEM PAK SOLUTIONS CO., LTD.
台北市內湖區行愛路140巷25號6樓

6F., NO. 25, LN. 140, XING AI RD., NEIHU DIST., TAIPEI CITY 114, 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) :

送樣廠商 (Sample Submitted By)	:	圖騰包裝股份有限公司 (TOTEM PAK SOLUTIONS CO., LTD.)
樣品名稱 (Sample Description)	:	PAPER SOUP BOWL (湯杯)
樣品材質 (Sample Material)	:	食品級用紙、PP淋膜
收件日期 (Sample Receiving Date)	:	2015/01/23
測試期間 (Testing Period)	:	2015/01/23 TO 2015/02/02

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第六條 (102.08.20部授食字第1021350146號令修正) 進行以下測試： / As specified by client, with reference to Article 6 of Sanitation Standard for Food Utensils, Containers and Packages (MOHW Food No. 1021350146 was amended on 2013/08/20) to test following items:
- (1.1) 材質試驗 / Material test : 螢光增白劑 / Fluorescent Brightening Agents、鉛 / Lead、鎘 / Cadmium、溶出測試 / Migration test : 高錳酸鉀消耗量 / Potassium permanganate consumption、重金屬 (以鉛計) / Heavy metal (as Pb)、蒸發殘渣 / Evaporation residue、鄰苯二甲酸二(2-乙基己基)酯 (DEHP)、鄰苯二甲酸二丁酯 (DBP)、鄰苯二甲酸二異壬酯 (DINP)、鄰苯二甲酸二異癸酯 (DIDP)、鄰苯二甲酸丁苯甲酯 (BBP)、己二酸二(2-乙基己基)酯 (DEHA) (DOA)。
- (1.2) 材質試驗 / Material test : 鄰苯二甲酸二(2-乙基己基)酯 (DEHP)、鄰苯二甲酸二丁酯 (DBP)、鄰苯二甲酸二異壬酯 (DINP)、鄰苯二甲酸二異癸酯 (DIDP)、鄰苯二甲酸丁苯甲酯 (BBP)、鄰苯二甲酸二正辛酯 (DNOP)、鄰苯二甲酸二甲酯 (DMP)、鄰苯二甲酸二乙酯 (DEP)。
- (2) 依據客戶指定，參考中華民國食品安全衛生管理法第二十六條 (103.12.10) 進行耐熱性測試。 / As specified by client, with reference to Act Governing Food Sanitation Article 26 (amended and promulgated on Dec. 10, 2014) to test Heat-Resistance.

測試結果 (Test Results) : 請見下一頁 (Please refer to next pages).

結論 (Conclusion) :

(1) 根據客戶所提供的樣品，其測試結果符合中華民國食品器具容器包裝衛生標準第六條 (102.08.20部授食字第1021350146號令修正)。 / Based upon the performed tests on submitted samples, the test results comply with the limits of requirements in Article 6 of Sanitation Standard for Food Utensils, Containers and Packages (MOHW Food No. 1021350146 was amended on 2013/08/20).

(2) 根據客戶所提供的樣品，其測試結果符合中華民國食品安全衛生管理法第二十六條 (103.12.10)。 / Based upon the performed tests on submitted samples, the test results comply with the limits of requirements in Act Governing Food Sanitation Article 26 (amended and promulgated on Dec. 10, 2014).

SGS TAIWAN LTD.
SGS
Troy Chang, Manager - Tech
Signed for and on behalf of
SGS TAIWAN LTD.
Chemical Laboratory - Taipei

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測試結果(Test Results)

測試部位(PART NAME)No.1 : 白色紙杯內部及其上塑膠膜 (INTERNAL PART OF WHITE PAPER CUP WITH PLASTIC FILM)

(1.1) 通過(PASS)

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	定量 極限 (LOQ)	結果 (Result) No.1	限值 (Limit)
鉛 / Lead (Pb)	ppm	參考食品器具、容器、包裝檢驗方法-聚丙稀(PP)之檢驗(102年9月6日部授食字第1021950329號公告), 以ICP-AES分析。 / With reference to Sanitation Standard for Food Utensils, Containers and Packages-Polypropylene(PP) (MOHW Food No. 1021950329 announced, September 6, 2013). Analysis was performance by ICP-AES.	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)	ppm		3	n.d.	10
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	Negative	1
蒸發殘渣-(水, 95°C, 30分鐘) / Evaporation residue-(water, 95°C, 30 min)	ppm		10	n.d.	30
蒸發殘渣-(4%醋酸, 95°C, 30分鐘) / Evaporation residue-(4% acetic acid, 95°C, 30 min)	ppm		10	n.d.	30
蒸發殘渣-(正庚烷, 25°C, 1小時) / Evaporation residue-(n-heptane, 25°C, 1 hour)	ppm		10	n.d.	30
蒸發殘渣-(20%酒精, 60°C, 30分鐘) / Evaporation residue-(20% alcohol, 60°C, 30 min)	ppm		10	n.d.	30

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(1.1)

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	定量 極限 (LOQ)	結果 (Result)	限值 (Limit)
				No.1	
螢光增白劑 / Fluorescent Brightening Agents	**	參考食品器具、容器、包裝檢驗方法-塑膠淋膜紙類製品之檢驗(103年9月6日部授食字第1021950329號公告)。 / With reference to Sanitation Standard for Food Utensils, Containers and Packages-Plastic Coated Paper Products (MOHW Food No. 1021950329 announced, September 6, 2013).	-	Negative	Negative
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 hour)	ppm	參考食品器具、容器、包裝檢驗方法-塑膠類之檢驗(102年11月13日部授食字第1021950607號公告), 以氣相層析/質譜儀檢測。 / With reference to Sanitation Standard for Food Utensils, Containers and Packages-Plastics (MOHW Food No. 1021950607 announced, November 13, 2013). Analysis was performed by GC/MS.	0.05	n.d.	1.5
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 hour)	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 hour)	ppm		0.5	n.d.	9
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 hour)	ppm		0.5	n.d.	9
鄰苯二甲酸丁苄甲酯 (正庚烷, 25°C, 1小時) / BBP (Butyl Benzyl phthalate) (CAS No.: 85-68-7) (n-Heptane, 25°C, 1 hour)	ppm		0.05	n.d.	30
己二酸二(2-乙基己基)酯 (正庚烷, 25°C, 1小時) / DEHA (Di-2-ethylhexyl Adipate) (DOA) (CAS No.: 103-23-1) (n-Heptane, 25°C, 1 hour)	ppm		0.05	n.d.	18

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(1.2)

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	方法偵測 極限值 (MDL)	結果 (Result)	限值 (Limit)
				No.1	
鄰苯二甲酸二(2-乙基己基)酯 / DEHP (Di-(2-ethylhexyl) phthalate) (CAS No.: 117-81-7) (*)	%	參考CNS 15138方法, 以氣相層析/質譜儀檢測之。With reference to CNS 15138 method. Analysis was performed by GC/MS.	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
鄰苯二甲酸丁苄甲酯 / 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

(2)

通過(PASS)

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	定量 極限 (LOQ)	結果 (Result)	限值 (Limit)
				No.1	
耐熱性試驗 / Heat Tolerance (100°C)	-	參考食品器具、容器、包裝檢驗方法-塑膠類之檢驗(102年10月4日部授食字第1021950587號公告)。 / With reference to Sanitation Standard for Food Utensils, Containers and Packages-Plastics (MOHW Food No. 1021950587 announced, October 4, 2013).	-	無變形 / Appearance not changed	無變形 / Appearance not changed

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備註(Note) :

1. 0.1wt% = 1000ppm
2. LOQ = Limit of Quantification (定量極限) ; MDL = Method Detection Limit (方法偵測極限值)
3. n.d. = Not Detected = 小於 (less than) LOQ / MDL (未檢出)
4. 基於商業競爭及其他因素考量, 除了第一頁的資料以外, 顧客表示無法提供其餘與樣品相關的資料。/ Due to the commercial competition and other consideration the client can't provide information related to the submitted sample besides the information listed on the page one.
5. "-" = Not Regulated (無規格值)
6. ** = Qualitative analysis (No Unit) 定性分析(無單位)
7. Negative = Undetectable 陰性(未偵測到); Positive = Detectable 陽性(已偵測到)
8. (*) : 此項目未取得衛生福利部食品藥物管理署認證。 / The item hasn't be accredited by Taiwan FDA.
9. 測試報告僅就委託測試者之委託事項提供測試結果, 至若本產品之合法性, 仍應由主管機關依法判斷。(The test report is the test result issued by the testing institutions as requested by the consignor. Regarding to the legitimacy of the product, it shall be determined by the authorities according to the law.)
10. 此份報告取代CT/2015/10697報告。(This report supersedes the previous document bearing the test report number CT/2015/10697.)

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TOTEM PAK SOLUTIONS CO., LTD.

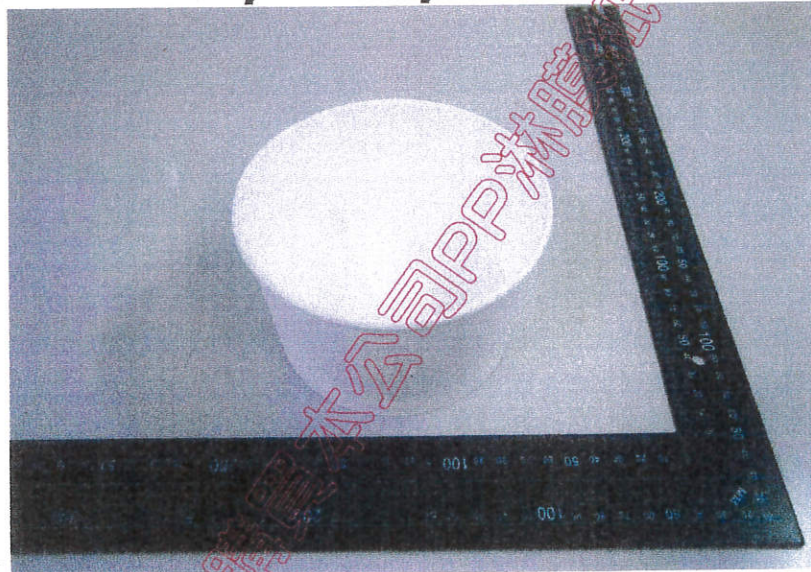
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* 照片中如有箭頭標示，則表示為實際檢測之樣品/部位 *
(The tested sample / part is marked by an arrow if it's shown on the photo.)

CT/2015/10697



** 報告結尾 (End of Report) **

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正本

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臺北市大同區寧夏路49號

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受文者：豆花莊豆花專賣店

發文日期：中華民國102年6月3日
發文字號：北市衛食藥字第10234405707號
速別：普通件
密等及解密條件或保密期限：
附件：

主旨：本局抽驗 貴商號販售之「醋酸澱粉」產品，檢驗結果順丁烯二酸未檢出，以茲證明，請 查照。

說明：

- 一、依據本局102年食品藥物管理工作計畫辦理。
- 二、本局於102年5月27日至本市「豆花莊豆花專賣店/臺北市大同區寧夏路49號」抽驗「醋酸澱粉」產品，經本局檢驗結果順丁烯二酸未檢出。

正本：豆花莊豆花專賣店
副本：

局長 林奇宏

本案依分層負責規定授權業務主管決行

