

測試報告 Test Report

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昌揚塑膠股份有限公司



CHANG YOUNG PLASTICS CO., LTD.

台南市新樂路42之3號B棟

B BLDG., NO. 42-3, SINLE ROAD, TAINAN, 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/on behalf of the applicant as):

送樣廠商(Sample Submitted By)	: 昌揚塑膠股份有限公司 (CHANG YOUNG PLASTICS CO., LTD.)
樣品名稱(Sample Description)	: PLASTIC LID(PC)/塑膠製蓋子(PC)
樣品材質(Sample Material)	: POLYCARBONATE(PC)
原產國(Country of Origin)	: 台灣 (TAIWAN)
收件日期(Sample Receiving Date)	: 2014/02/18
測試期間(Testing Period)	: 2014/02/18 TO 2014/02/27

測試需求(Test Requested) :

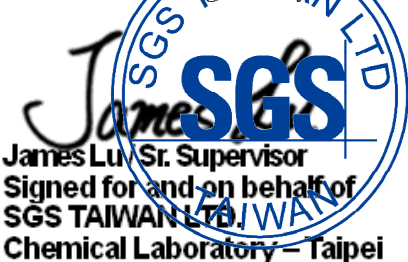
- (1) 依據客戶指定, 參考中華民國食品器具容器包裝衛生標準第六條 (102.08.20部授食字第1021350146號令修正)進行以下測試: / As specified by client, with reference to Article 6 of Sanitation Standard for Food Utensils, Containers and Packages (MOHW Food No. 1021350146 was amended on 2013/08/20) to test following items:
- (1.1) 溶出測試 / Migration test : 雙酚A / Bisphenol A、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) 溶出測試 / Migration test : 鄰苯二甲酸二正辛酯 (DNOP).

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

結 論(Conclusion) : (1.1) 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).

* 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.)


James Lu / Sr. Supervisor
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 : 透明藍色塑膠 (TRANSPARENT BLUE PLASTIC)

(1.1)

通過(PASS)

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)	法規 限值 (Limit)
				No.1	
雙酚A-(水, 95°C, 30分鐘) / Bisphenol A -(water, 95°C, 30 min)	ppm	參考食品器具、容器、包裝檢驗方法-聚 碳酸酯(PC)塑膠類嬰兒奶瓶除外之檢驗 (102年9月6日部授食字第1021950329號 公告), 以HPLC/FLD分析. / With reference to Sanitation Standard for Food Utensils, Containers and Packages-Polycarbonate (PC) (except Baby Bottles) (MOHW Food No. 1021950329 announced, September 6, 2013). Analysis was performance by HPLC/FLD.	0.0005	n.d.	0.6
雙酚A-(4%醋酸, 60°C, 30分鐘) / Bisphenol A - (4% acetic acid, 60°C, 30 min)	ppm		0.0005	n.d.	0.6
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

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(1.1)

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)	法規 限值 (Limit)
				No.1	
鄰苯二甲酸丁苯甲酯（正庚烷，25℃，1小時） / BBP (Butylbenzyl phthalate) (CAS No.: 85-68-7) (n-Heptane, 25℃，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.	30
己二酸二(2-乙基己基)酯（正庚烷，25℃，1小時） / DEHA (Di-2-ethylhexyl Adipate) (DOA) (CAS No.: 103-23-1) (n-Heptane, 25℃，1 hour)	ppm		0.05	n.d.	18

(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)	法規 限值 (Limit)
				No.1	
鄰苯二甲酸二正辛酯（正庚烷，25℃，1小時） / DNOP (Di-n-octyl phthalate) (CAS No.: 117-84-0) (n-Heptane, 25℃，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.	-

備註(Note) :

- 0.1wt% = 1000ppm ; mg/kg = ppm
- MDL = Method Detection Limit (方法偵測極限值)
- n.d. = Not Detected = less than MDL (未檢出)
- "-" = Not Regulated (無規格值)

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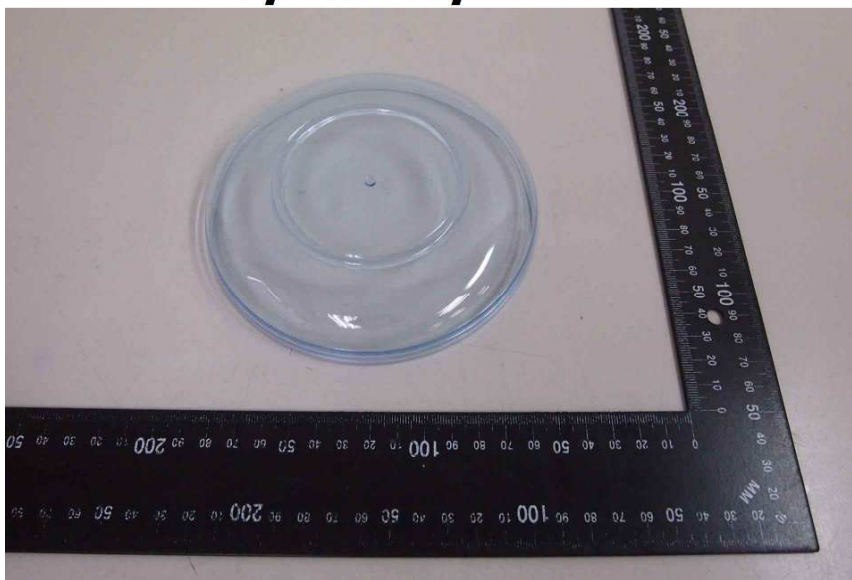
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* 照片中如有箭頭標示，則表示為實際檢測之樣品/部位。 *

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

CY/2014/20664



** 報告結尾 (End of Report) **

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