

測試報告

號碼：CY/2012/42032A 日期：2012/05/03 頁數：1 of 4

福爾福創意工作坊
台北市康定路278巷3號4樓



以下測試樣品係由客戶送樣，且由客戶聲稱並經客戶確認如下：

樣品名稱：折折杯
樣品型號：FOFOCUP折折杯 8oz/ 16oz/ 20oz
樣品材質：PP (POLYPROPYLENE)
生產或供應廠商：福爾福創意工作坊
原產國：台灣
收件日期：2012/04/23
測試期間：2012/04/23 TO 2012/05/03

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測試需求：(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四條 (101.01.18署授食字第1001303928號令修正)進行以下測試：
材質測試：鉛、鎘。
溶出測試：高錳酸鉀消耗量、重金屬(以鉛計)、蒸發殘渣、鄰苯二甲酸2-乙基己基酯 (DEHP)、鄰苯二甲酸二丁酯 (DBP)。
(2) 溶出測試：雙酚A、鄰苯二甲酸二異壬酯 (DINP)、鄰苯二甲酸二異癸酯 (DIDP)、鄰苯二甲酸丁基苯酯 (BBP)、鄰苯二甲酸二辛酯 (DOP)。
測試結果：請見下一頁。
結論：(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四條 (101.01.18署授食字第1001303928號令修正)。


James Lu / Supervisor
Signed for and on behalf of
SGS TAIWAN LTD.
Chemical Laboratory – Taipei

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測試結果

測試部位 No.1 : 白色塑膠杯 (16oz)

(1)

通過

測試項目	單位	測試方法	方法偵測 極限值	結果	法規 限值
				No.1	
鉛	mg/kg	參考食品器具、容器、包裝檢驗方法-塑膠類之檢驗(100年7月14日署授食字第1001902289號修正), 以ICP-AES分析.	5	n.d.	100
鎘	mg/kg		0.5	n.d.	100
高錳酸鉀消耗量-(水, 95°C, 30分鐘)	mg/L	參考食品器具、容器、包裝檢驗方法-塑膠類之檢驗(100年7月14日署授食字第1001902289號修正).	3	n.d.	10
重金屬(以鉛計)-(4%醋酸, 95°C, 30分鐘)	mg/L		1	Negative	1
蒸發殘渣-(水, 95°C, 30分鐘)	mg/L	參考食品器具、容器、包裝檢驗方法-聚丙烯(PP)之檢驗(93年5月署授食字第0939311138號修訂).	10	n.d.	30
蒸發殘渣-(4%醋酸, 95°C, 30分鐘)	mg/L		10	11.0	30
蒸發殘渣-(正庚烷, 25°C, 1小時)	mg/L		10	21.0	30
蒸發殘渣-(20%酒精, 60°C, 30分鐘)	mg/L		10	n.d.	30
鄰苯二甲酸2-乙基己基酯 (DEHP) (CAS No.: 117-81-7) (正庚烷, 25°C, 1小時)	ppm	參考食品器具、容器、包裝檢驗方法-塑膠類之檢驗(100年7月14日署授食字第1001902289號修正), 以氣相層析/質譜儀檢測.	0.05	n.d.	1.5
鄰苯二甲酸二丁酯 (DBP) (CAS No.: 84-74-2) (正庚烷, 25°C, 1小時)	ppm		0.05	n.d.	0.3

(2)

測試項目	單位	測試方法	方法偵測 極限值	結果	法規 限值
				No.1	
雙酚A-(水, 95°C, 30分鐘)	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(100年6月22日署授食字第1001901969號公告), 以HPLC/FLD分析.	0.0005	n.d.	-
雙酚A-(4%醋酸, 60°C, 30分鐘)	ppm		0.0005	n.d.	-

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(2)

測試項目	單位	測試方法	方法偵測 極限值	結果	法規 限值
				No.1	
鄰苯二甲酸二異壬酯 (DINP) (CAS No.: 28553-12-0) (正庚烷, 25°C, 1小時)	ppm	參考食品器具、容器、包裝檢驗方法-塑膠類之檢驗(100年7月14日署授食字第1001902289號修正), 以氣相層析/質譜儀檢測。	0.5	n.d.	-
鄰苯二甲酸二異癸酯 (DIDP) (CAS No.: 26761-40-0) (正庚烷, 25°C, 1小時)	ppm		0.5	n.d.	-
鄰苯二甲酸丁基苯酯 (BBP) (CAS No.: 85-68-7) (正庚烷, 25°C, 1小時)	ppm		0.05	n.d.	-
鄰苯二甲酸二辛酯 (DOP) (CAS No.: 117-84-0) (正庚烷, 25°C, 1小時)	ppm		0.05	n.d.	-

備註：

- 0.1wt% = 1000ppm ; mg/kg = ppm ; mg/L = ppm
- MDL = Method Detection Limit / 方法偵測極限值
- n.d. = Not Detected / 未檢出
- "-" = Not Regulated / 無規格值
- Negative / 陰性(未偵測到), Positive / 陽性(已偵測到)

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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。 *

CY/2012/42032



** 報告結尾 **

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