

測試報告

號碼：CY/2012/C1666A 日期：2013/01/04 頁數：1 of 4

毅晉塑膠企業有限公司
臺中市烏日區五光路69號



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：酒瓶內塞
樣品材質：聚烯烴
收件日期：2012/12/24
測試期間：2012/12/24 TO 2013/01/04

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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五條 (101.09.21署授食字第1011302926號令修正)進行以下測試：
(1.1) 溶出測試：鄰苯二甲酸二(2-乙基己基)酯 (DEHP)、鄰苯二甲酸二丁酯 (DBP)。
(1.2) 溶出測試：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)、鄰苯二甲酸二異丁酯 (DIBP)、鄰苯二甲酸二環己酯 (DCHP)、鄰苯二甲酸二(2-甲氧基乙基)酯 (DMEP)、鄰苯二甲酸二(2-丁氧基)乙酯 (DBEP)、鄰苯二甲酸二(2-乙氧基)乙酯 (DEEP)、鄰苯二甲酸二(4-甲基-2-戊基)酯 (BMPP)、鄰苯二甲酸二苯酯 (DPhP)、鄰苯二甲酸二正戊酯 (DNPP)、鄰苯二甲酸二正己酯 (DNHP)、鄰苯二甲酸二正壬酯 (DNP)。

測試結果：請見下一頁。

結論：(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五條 (101.09.21署授食字第1011302926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 : 棕色塊狀

(1.1)

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	
鄰苯二甲酸二(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

(1.2)

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	
鄰苯二甲酸丁苯甲酯 (BBP) (CAS No.: 85-68-7) (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.	30
鄰苯二甲酸二正辛酯 (DNOP) (CAS No.: 117-84-0) (正庚烷, 25°C, 1小時)	ppm		0.05	n.d.	-
鄰苯二甲酸二甲酯 (DMP) (CAS No.: 131-11-3) (正庚烷, 25°C, 1小時)	ppm		0.05	n.d.	-
鄰苯二甲酸二乙酯 (DEP) (CAS No.: 84-66-2) (正庚烷, 25°C, 1小時)	ppm		0.05	n.d.	-
鄰苯二甲酸二異丁酯 (DIBP) (CAS No.: 84-69-5) (正庚烷, 25°C, 1小時)	ppm		0.05	n.d.	-
鄰苯二甲酸二環己酯 (DCHP) (CAS No.: 84-61-7) (正庚烷, 25°C, 1小時)	ppm		0.05	n.d.	-
鄰苯二甲酸二(2-甲氧基乙基)酯 (DMEP) (CAS No.: 117-82-8) (正庚烷, 25°C, 1小時)	ppm		0.05	n.d.	-

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(1.2)

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(2-丁氧基)乙酯 (DBEP) (CAS No.: 117-83-9) (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.	-
鄰苯二甲酸二(2-乙氧基)乙酯 (DEEP) (CAS No.: 605-54-9) (正庚烷, 25°C, 1小時)	ppm		0.05	n.d.	-
鄰苯二甲酸二(4-甲基-2-戊基) 酯 (BMPP) (CAS No.: 146-50- 9) (正庚烷, 25°C, 1小時)	ppm		0.05	n.d.	-
鄰苯二甲酸二苯酯 (DPhP) (CAS No.: 84-62-8) (正庚烷, 25°C, 1小時)	ppm		0.05	n.d.	-
鄰苯二甲酸二正戊酯 (DNPP) (CAS No.: 131-18-0) (正庚烷, 25°C, 1小時)	ppm		0.05	n.d.	-
鄰苯二甲酸二正己酯 (DNHP) (CAS No.: 84-75-3) (正庚烷, 25°C, 1小時)	ppm		0.05	n.d.	-
鄰苯二甲酸二正壬酯 (DNP) (CAS No.: 84-76-4) (正庚烷, 25°C, 1小時)	ppm		0.05	n.d.	-

備註：

- 0.1wt% = 1000ppm ; mg/kg = 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

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CY/2012/C1666



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