

測試報告

號碼：CY/2012/72024

日期：2012/07/27

頁數：1 of 6

皇冠金屬工業股份有限公司

台北市復興南路一段2號8樓之1



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：膳魔師不銹鋼真空保溫瓶 (FFW-1000-BL)
樣品型號：FFW-1000-BL
樣品材質：NO.1~NO.3:PP, NO.4~NO.5:矽膠, NO.6:不銹鋼
生產或供應廠商：THERMOS (CHINA) HOUSEWARES
原產國：中國
收件日期：2012/07/24
測試期間：2012/07/24 TO 2012/07/27

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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：鄰苯二甲酸2-乙基己基酯 (DEHP)、鄰苯二甲酸二丁酯 (DBP)。

(2) 材質測試：鉛、鎘。

(3) 溶出測試：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)。

(4) 依據客戶指定，進行以下測試：

- 材質測試：耐熱測試(120°C)。
- 其它測試：鄰苯二甲酸二(2-乙基己基)酯 (DEHP)、鄰苯二甲酸二正辛酯 (DNOP)、鄰苯二甲酸二甲酯 (DMP)、鄰苯二甲酸二丁酯 (DBP)、鄰苯二甲酸甲苯基丁酯 (BBP)、鄰苯二甲酸二異壬酯 (DINP)、鄰苯二甲酸二異癸酯 (DIDP)、鄰苯二甲酸二乙酯 (DEP)。

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 : 黑色塑膠(內杯蓋)
 測試部位 No.2 : 白色塑膠(中栓)
 測試部位 No.3 : 黃色塑膠(彈蓋)
 測試部位 No.4 : 黃色矽膠套(彈蓋)
 測試部位 No.5 : 藍色矽膠圈(中栓)
 測試部位 No.6 : 銀色金屬瓶

(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	No.2	No.3	No.4	No.5	
鉛	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 ICP-AES分析。	5	n.d.	n.d.	n.d.	---	---	100
鎘	ppm		0.5	n.d.	n.d.	n.d.	---	---	100
鉛	ppm		5	---	---	---	n.d.	n.d.	100
鎘	ppm		0.5	---	---	---	n.d.	n.d.	100
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.	n.d.	n.d.	n.d.	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.	n.d.	n.d.	n.d.	n.d.	0.3

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皇冠金屬工業股份有限公司

台北市復興南路一段2號8樓之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. 6	
鉛	%	參考US EPA 3050B方法，以 ICP-AES分析。	0.0002	n.d.	10
鎘	%	參考US EPA 3050B方法，以 ICP-AES分析。	0.0002	n.d.	5

(3)

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	No. 2	No. 3	No. 4	No. 5	
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.	n.d.	n.d.	n.d.	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.	n.d.	n.d.	n.d.	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.	n.d.	n.d.	n.d.	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.	n.d.	n.d.	n.d.	n.d.	-

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皇冠金屬工業股份有限公司

台北市復興南路一段2號8樓之1



(4)

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	No.2	No.3	No.4	No.5	
鄰苯二甲酸二(2-乙基己基)酯 (DEHP) (CAS No.: 117-81-7)	%	參考CNS 15138方法, 以氣 相層析儀/質譜儀(GC/MS)檢 測之。	0.003	n.d.	n.d.	n.d.	n.d.	n.d.	-
鄰苯二甲酸二正辛酯 (DNOP) (CAS No.: 117-84-0)	%		0.003	n.d.	n.d.	n.d.	n.d.	n.d.	-
鄰苯二甲酸二甲酯 (DMP) (CAS No.: 131-11-3)	%		0.003	n.d.	n.d.	n.d.	n.d.	n.d.	-
鄰苯二甲酸二丁酯 (DBP) (CAS No.: 84-74-2)	%		0.003	n.d.	n.d.	n.d.	n.d.	n.d.	-
鄰苯二甲酸甲苯基丁酯 (BBP) (CAS No.: 85-68-7)	%		0.003	n.d.	n.d.	n.d.	n.d.	n.d.	-
鄰苯二甲酸二異壬酯 (DINP) (CAS No.: 28553-12-0)	%		0.01	n.d.	n.d.	n.d.	n.d.	n.d.	-
鄰苯二甲酸二異癸酯 (DIDP) (CAS No.: 26761-40-0)	%		0.01	n.d.	n.d.	n.d.	n.d.	n.d.	-
鄰苯二甲酸二乙酯 (DEP) (CAS No.: 84-66-2)	%		0.003	n.d.	n.d.	n.d.	n.d.	n.d.	-

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	No.2	No.3	No.4	No.5	
耐熱測試(120℃)	-	參考行政院衛生署100年7月 14日署授食字第1001902289 號, 食品器具、容器、包裝 檢驗方法—塑膠類之檢驗。	-	無變形	無變形	無變形	無變形	無變形	-

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
- "---" = Not Conducted / 未測項目

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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/2012/72024



SGSY12720240001

CY/2012/72024 NO.1



SGSY12720240101

CY/2012/72024 NO.2



SGSY12720240201

CY/2012/72024 NO.3



SGSY12720240301

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CY/2012/72024 NO.4



SGSY12720240401

CY/2012/72024 NO.5



SGSY12720240501

CY/2012/72024 NO.6



SGSY12720240601

** 報告結尾 **

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