

測試報告

號碼：CY/2013/20355

日期：2013/02/20

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杯 (JMK-501-VAN)
 樣品型號：JMK-501-VAN
 樣品材質：NO.1:PP, NO.2:PP, NO.3:矽膠, NO.4:不銹鋼
 生產或供應廠商：THERMOS (CHINA) HOUSEWARES
 原產國：中國
 收件日期：2013/02/07
 測試期間：2012/03/05 TO 2012/03/16 AND 2012/03/19 TO 2012/03/30 AND 2013/02/07 TO 2013/02/20

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)、己二酸二辛酯 (DEHA) (DOA)。
- (2) 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：
 - (2.1) 材質試驗：鉛、鎘。
 - (2.2) 材質試驗：鉛、鎘。
- (3) 依據客戶指定，進行以下測試：
 材質試驗：耐熱測試(120°C)
 其它試驗：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)。

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)。
- (2.1) 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)。

* 本報告部份測試結果係引用自報告 CY/2012/30336及CY/2012/31672 相同材質/部位之測試結果 *


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

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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



測試結果

測試部位 No.1：白色塑膠（上蓋）(CY/2012/30336 No.1+CY/2013/20355 No.1)
 測試部位 No.2：淺棕色塑膠（中栓）(CY/2012/30336 No.2+CY/2013/20355 No.2)
 測試部位 No.3：藍色矽膠圈（中栓）(CY/2013/20355 No.3+CY/2012/31672 No.2)
 測試部位 No.4：銀色金屬杯（CY/2012/31672 No.3）

(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	No.2	No.3	No.4	
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.	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.	---	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	No.2	No.3	No.4	
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.	---	9
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.	---	9
鄰苯二甲酸丁苯甲酯 (BBP) (CAS No.: 85-68-7) (正庚烷, 25°C, 1小時)	ppm		0.05	n.d.	n.d.	n.d.	---	30
己二酸二辛酯 (DEHA) (DOA) (CAS No.: 103-23-1) (正庚烷, 25°C, 1小時)	ppm		0.05	n.d.	n.d.	n.d.	---	18

(2.1)

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	
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. (*)	---	---	100
	ppm		5	---	---	n.d. (*1)	---	100

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(2.1)

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	
鎘	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。	0.5	n.d. (*)	n.d. (*)	---	---	100
	ppm		0.5	---	---	n.d. (*1)	---	100

(2.2)

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	No.2	No.3	No.4	
鉛	%	參考US EPA 3050B方法，以 ICP-AES分析。	0.0002	---	---	---	n.d. (*1)	10
鎘	%	參考US EPA 3050B方法，以 ICP-AES分析。	0.0002	---	---	---	n.d. (*1)	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	
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 (*1)	---	-
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. (*1)	---	-
鄰苯二甲酸二正辛酯 (DNOP) (CAS No.: 117-84-0)	%		0.003	n.d. (*)	n.d. (*)	n.d. (*1)	---	-
鄰苯二甲酸二甲酯 (DMP) (CAS No.: 131-11-3)	%		0.003	n.d. (*)	n.d. (*)	n.d. (*1)	---	-
鄰苯二甲酸二丁酯 (DBP) (CAS No.: 84-74-2)	%		0.003	n.d. (*)	n.d. (*)	n.d. (*1)	---	-
鄰苯二甲酸甲苯基丁酯 (BBP) (CAS No.: 85-68-7)	%		0.003	n.d. (*)	n.d. (*)	n.d. (*1)	---	-
鄰苯二甲酸二異壬酯 (DINP) (CAS No.: 28553-12-0)	%		0.01	n.d. (*)	n.d. (*)	n.d. (*1)	---	-
鄰苯二甲酸二異癸酯 (DIDP) (CAS No.: 26761-40-0)	%		0.01	n.d. (*)	n.d. (*)	n.d. (*1)	---	-
鄰苯二甲酸二乙酯 (DEP) (CAS No.: 84-66-2)	%		0.003	n.d. (*)	n.d. (*)	n.d. (*1)	---	-

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備註：

1. 0.1wt% = 1000ppm ; mg/kg = ppm
2. MDL = Method Detection Limit / 方法偵測極限值
3. n.d. = Not Detected / 未檢出
4. "-" = Not Regulated / 無規格值
5. "---" = Not Conducted / 未測項目
6. (*): 參考CY/2012/30336.
7. (*1): 參考CY/2012/31672.

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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/2013/20355



SGSY13203550001

CY/2013/20355 NO.1



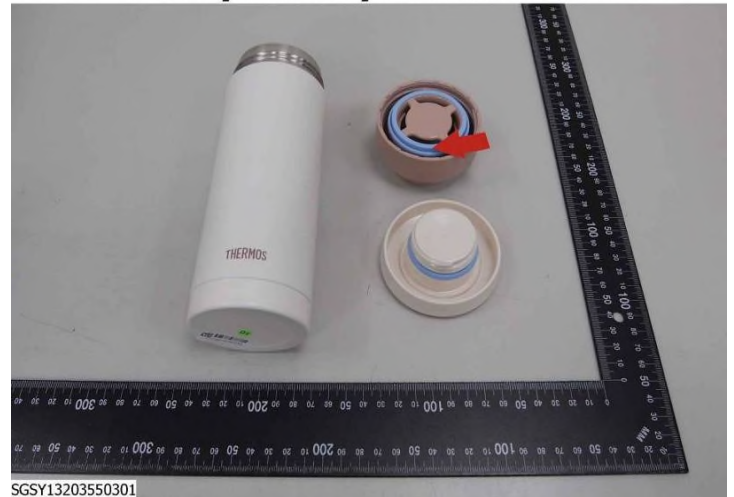
SGSY13203550101

CY/2013/20355 NO.2



SGSY13203550202

CY/2013/20355 NO.3



SGSY13203550301

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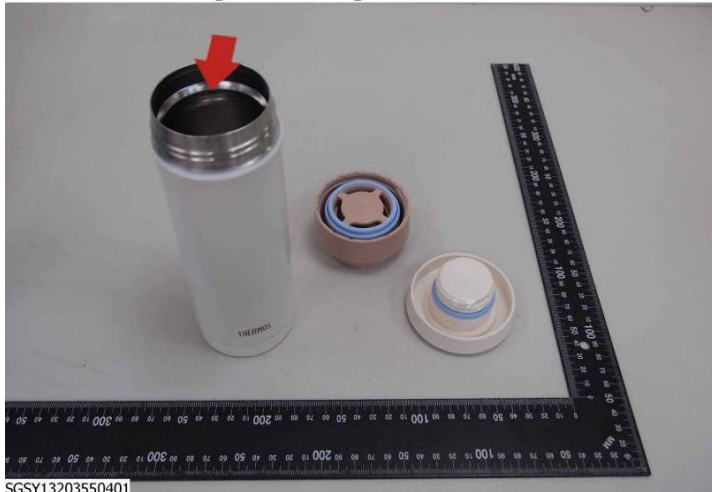
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台北市復興南路一段2號8樓之1



CY/2013/20355 NO.4



SGSY13203550401

** 報告結尾 **

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