

測試報告

號碼：CY/2012/31709

日期：2012/04/06

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：膳魔師不銹鋼保溫便當盒 (JLS-1601F-CGY(W))
樣品型號：JLS-1601F-CGY(W)
樣品材質：NO.1:PP, NO.2:PP, NO.3:PP, NO.4:PP, 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：2012/03/19
測試期間：2012/03/19 TO 2012/04/06

- =====
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) 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)。
(3) 依據客戶指定，進行以下測試：
- 材質測試：耐熱測試(100°C及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)。
(4) 材質測試：鉛、鎘。
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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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(筷子)
 測試部位 No.2 : 淺灰色塑膠(內盒上蓋)
 測試部位 No.3 : 白色塑膠(內盒)
 測試部位 No.4 : 灰色塑膠(上蓋)
 測試部位 No.5 : 藍色矽膠圈(上蓋)
 測試部位 No.6 : 銀色金屬盒

(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	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.	n.d.	n.d.	n.d.	---	100
鎘	mg/kg		0.5	n.d.	n.d.	n.d.	n.d.	---	100
鉛	mg/kg		5	---	---	---	---	n.d.	100
鎘	mg/kg		0.5	---	---	---	---	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

(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	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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(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(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.	-
耐熱測試(120°C)	-	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	-
耐熱測試(100°C)	-	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	---	---	---	-

(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.6	
鉛	%	參考US EPA 3050B方法, 以ICP-AES分析。	0.0002	n.d.	10
錒	%	參考US EPA 3050B方法, 以ICP-AES分析。	0.0002	n.d.	5

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備註：

1. 0.1wt% = 1000ppm ; mg/kg = ppm ; mg/L = 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

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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/2012/31709



CY/2012/31709 NO.1



CY/2012/31709 NO.2



CY/2012/31709 NO.3



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CY/2012/31709 NO.4



CY/2012/31709 NO.5



CY/2012/31709 NO.6



** 報告結尾 **

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