

測試報告

號碼：CT/2016/A0768

日期：2016/10/27

頁數：1 of 7

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



以下測試樣品係由申請廠商所提供及確認：

送樣廠商：皇冠金屬工業股份有限公司
樣品名稱：膳魔師不銹鋼真空保冷瓶 (FHL-400FDS-LB)
樣品型號：FHL-400FDS-LB
樣品材質：NO. 1:PP, NO. 2:PP, NO. 3:矽膠, NO. 4:矽膠, NO. 5:矽膠, NO. 6:PE, NO. 7:304不銹鋼
生產或供應廠商：TOP THERMO MFG. SDN. BHD.
原產國：馬來西亞
收件日期：2016/10/20
測試期間：2016/10/20 TO 2016/10/27

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測試需求：依據客戶指定，參考中華民國食品器具容器包裝衛生標準 (102.08.20部授食字第1021350146號令修正)進行測試，測試項目請參閱測試結果表格。

測試結果：請見下一頁。

* 本報告部份測試結果係引用自報告 CT/2016/A0762 相同材質/部位之測試結果 *


Troy Chang, Manager - Tech
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：淺藍色塑膠(上蓋)
 測試部位 No. 2：深藍色塑膠(中栓)
 測試部位 No. 3：藍綠色矽膠圈(中栓) (CT/2016/A0762 No. 2)
 測試部位 No. 4：白色矽膠(上吸管) (CT/2016/A0762 No. 3)
 測試部位 No. 5：白色矽膠(吸水閥) (CT/2016/A0762 No. 4)
 測試部位 No. 6：白色塑膠(下吸管) (CT/2016/A0762 No. 5)
 測試部位 No. 7：銀色金屬瓶 (CT/2016/A0762 No. 6)

測試項目	單位	測試方法	定量 極限	結果					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-聚丙烯(PP)塑膠 類之檢驗(MOHU0007.02, 104年5月4日部授食字第 1041900702號公告), 以 ICP-AES分析.	5	n. d.	n. d.	---	---	---	100
鎘	ppm		0.5	n. d.	n. d.	---	---	---	100
鉛	ppm	參考食品器具、容器、包裝 檢驗方法-塑膠類之檢驗 (102年11月13日部授食字第 1021950607號公告), 以 ICP-AES分析.	5	---	---	n. d. (※)	n. d. (※)	n. d. (※)	100
鎘	ppm		0.5	---	---	n. d. (※)	n. d. (※)	n. d. (※)	100
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 (102年11月13日部授食字第 1021950607號公告), 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
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. (※)	n. d. (※)	n. d. (※)	30
鄰苯二甲酸二異癸酯 (DIDP) (CAS No.: 26761-40-0; 68515-49-1) (正庚烷, 25°C, 1小時)	ppm		0.5	n. d.	n. d.	n. d. (※)	n. d. (※)	n. d. (※)	9
鄰苯二甲酸二異壬酯 (DINP) (CAS No.: 28553-12-0; 68515-48-0) (正庚烷, 25°C, 1小時)	ppm		0.5	n. d.	n. d.	n. d. (※)	n. d. (※)	n. d. (※)	9

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測試項目	單位	測試方法	定量 極限	結果					限值
				No. 1	No. 2	No. 3	No. 4	No. 5	
己二酸二(2-乙基己基)酯 (DEHA) (CAS No. : 103-23-1) (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 (102年11月13日部授食字第 1021950607號公告), 以氣 相層析/質譜儀檢測。	0.05	n. d.	n. d.	n. d. (※)	n. d. (※)	n. d. (※)	18

測試項目	單位	測試方法	MDL	結果					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 15138-1 (民國101 年), 以氣相層析儀/質譜儀 (GC/MS)檢測。	0.003	n. d.	n. d.	n. d. (※)	n. d. (※)	n. d. (※)	0.1
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. (※)	0.1
鄰苯二甲酸丁苯甲酯 (BBP) (CAS No. : 85-68-7) (*)	%		0.003	n. d.	n. d.	n. d. (※)	n. d. (※)	n. d. (※)	0.1
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. (※)	0.1
鄰苯二甲酸二異壬酯 (DINP) (CAS No. : 28553-12-0; 68515-48-0) (*)	%		0.01	n. d.	n. d.	n. d. (※)	n. d. (※)	n. d. (※)	0.1
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. (※)	0.1
鄰苯二甲酸二異癸酯 (DIDP) (CAS No. : 26761-40-0; 68515-49-1) (*)	%		0.01	n. d.	n. d.	n. d. (※)	n. d. (※)	n. d. (※)	0.1
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. (※)	0.1

測試項目	單位	測試方法	定量 極限	結果		限值
				No. 6	No. 7	
鉛	ppm	參考食品器具、容器、包裝 檢驗方法-聚乙烯(PE)塑膠 類之檢驗(MOHWU0008.02, 104年5月11日部授食字第 1041900696號公告), 以 ICP-AES分析。	5	n. d. (※)	---	100
鎘	ppm		0.5	n. d. (※)	---	100

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測試項目	單位	測試方法	定量 極限	結果		限值
				No. 6	No. 7	
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 (102年11月13日部授食字第 1021950607號公告), 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
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. (※)	---	30
鄰苯二甲酸二異癸酯 (DIDP) (CAS No.: 26761-40-0; 68515-49-1) (正庚烷, 25°C, 1小時)	ppm		0.5	n. d. (※)	---	9
鄰苯二甲酸二異壬酯 (DINP) (CAS No.: 28553-12-0; 68515-48-0) (正庚烷, 25°C, 1小時)	ppm		0.5	n. d. (※)	---	9
己二酸二(2-乙基己基)酯 (DEHA) (CAS No.: 103-23-1) (正庚烷, 25°C, 1小時)	ppm		0.05	n. d. (※)	---	18

測試項目	單位	測試方法	MDL	結果		限值
				No. 6	No. 7	
鉛 (*)	%	參考US EPA 3050B (1996) , 以ICP-AES分析。	0.0002	---	n. d. (※)	10
鎘 (*)	%		0.0002	---	n. d. (※)	5
鄰苯二甲酸二(2-乙基己基)酯 (DEHP) (CAS No.: 117-81-7) (*)	%	參考CNS 15138-1 (民國101年), 以氣相層析儀/質譜儀 (GC/MS) 檢測。	0.003	n. d. (※)	---	0.1
鄰苯二甲酸二丁酯 (DBP) (CAS No.: 84-74-2) (*)	%		0.003	n. d. (※)	---	0.1
鄰苯二甲酸丁苯甲酯 (BBP) (CAS No.: 85-68-7) (*)	%		0.003	n. d. (※)	---	0.1
鄰苯二甲酸二正辛酯 (DNOP) (CAS No.: 117-84-0) (*)	%		0.003	n. d. (※)	---	0.1

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測試項目	單位	測試方法	MDL	結果		限值
				No. 6	No. 7	
鄰苯二甲酸二異壬酯 (DINP) (CAS No.: 28553-12-0; 68515-48-0) (*)	%	參考CNS 15138-1 (民國101年), 以氣相層析儀/質譜儀 (GC/MS) 檢測.	0.01	n. d. (※)	---	0.1
鄰苯二甲酸二甲酯 (DMP) (CAS No.: 131-11-3) (*)	%		0.003	n. d. (※)	---	0.1
鄰苯二甲酸二異癸酯 (DIDP) (CAS No.: 26761-40-0; 68515-49-1) (*)	%		0.01	n. d. (※)	---	0.1
鄰苯二甲酸二乙酯 (DEP) (CAS No.: 84-66-2) (*)	%		0.003	n. d. (※)	---	0.1

備註：

- 0.1wt% = 1000ppm
- LOQ = Limit of Quantification (定量極限) ; MDL = Method Detection Limit (方法偵測極限值)
- n. d. = Not Detected = 小於 LOQ / MDL (未檢出)
- 基於商業競爭及其他因素考量, 除了第一頁的資料以外, 顧客表示無法提供其餘與樣品相關的資料。
- "---" = Not Conducted / 未測項目
- (*) : 此項目未取得衛生福利部食品藥物管理署認證。
- 測試報告僅就委託測試者之委託事項提供測試結果, 至若本產品之合法性, 仍應由主管機關依法判斷。
- (※): 參考CT/2016/A0762.

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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。 *

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CT/2016/A0768 NO.1



CT/2016/A0768 NO.2



CT/2016/A0768 NO.3



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CT/2016/A0768 NO.5



CT/2016/A0768 NO.6



CT/2016/A0768 NO.7



** 報告結尾 **

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