

## 測試報告

號碼：CT/2016/A0766

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-400FB-Y)  
樣品型號：FHL-400FB-Y  
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

=====  
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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Termse-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instruction, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced, except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

# 測試報告

號碼：CT/2016/A0766

日期：2016/10/27

頁數：2 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



## 測試結果

- 測試部位 No. 1 : 橘色塑膠(上蓋)
- 測試部位 No. 2 : 黃色塑膠(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(MOHWU0007.02, 104年5月4日部授食字第 1041900702號公告), 以 ICP-AES分析.	5	21.2	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		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	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. (※)	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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Termse-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instruction, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced, except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

# 測試報告

號碼：CT/2016/A0766

日期：2016/10/27

頁數：3 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



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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Termse-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instruction, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced, except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

## 測試報告

號碼：CT/2016/A0766

日期：2016/10/27

頁數：4 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



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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Termse-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instruction, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced, except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

# 測試報告

號碼：CT/2016/A0766

日期：2016/10/27

頁數：5 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



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.

## 測試報告

號碼：CT/2016/A0766

日期：2016/10/27

頁數：6 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



\* 照片中如有箭頭標示，則表示為實際檢測之樣品/部位。\*

### CT/2016/A0766



### CT/2016/A0766 NO.1



### CT/2016/A0766 NO.2



### CT/2016/A0766 NO.3



This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Termse-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instruction, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced, except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

## 測試報告

號碼：CT/2016/A0766

日期：2016/10/27

頁數：7 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



### CT/2016/A0766 NO.4



### CT/2016/A0766 NO.5



### CT/2016/A0766 NO.6



### CT/2016/A0766 NO.7



\*\* 報告結尾 \*\*

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Termse-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instruction, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced, except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.