

## 測試報告

## Test Report

號碼(No.) : CY/2014/10675 日期(Date) : 2014/01/20 頁數(Page) : 1 of 6

西肯創意股份有限公司

SEKOND CREATIVE DESIGN CO., LTD.

台南市安南區和順工業區開安一街8巷15弄16號

NO. 16, ALY. 15, LN. 8, KAIAN 1ST STREET, ANNAN DISTRICT, TAINAN CITY 709, TAIWAN, R. O. C.



以下測試樣品係由申請廠商所提供及確認 (The following sample(s) was/were submitted and identified by/on behalf of the applicant as) :

送樣廠商(Sample Submitted By) : 西肯創意股份有限公司 (SEKOND CREATIVE DESIGN CO., LTD.)  
 樣品名稱(Sample Description) : 廚房烹飪工具組-料理刮刀  
 樣品型號(Style/Item No.) : SE-02228  
 樣品材質(Sample Material) : 料理刮刀柄 (尼龍 PA66) 黃 + 料理刮刀矽膠 (SILICONE) 灰  
 生產或供應廠商(Manufacturer/Vendor) : 西肯創意股份有限公司 (SEKOND CREATIVE DESIGN CO., LTD.)  
 原產國(Country of Origin) : 台灣 (TAIWAN)  
 收件日期(Sample Receiving Date) : 2014/01/09  
 測試期間(Testing Period) : 2013/12/13 TO 2013/12/24

### 測試需求(Test Requested) :

- (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六條 (102.08.20部授食字第1021350146號令修正)進行以下測試: / As specified by client, with reference to Article 6 of Sanitation Standard for Food Utensils, Containers and Packages (MOHW Food No. 1021350146 was amended on 2013/08/20) to test following items:
- (1.1) 材質試驗 / Material test : 鉛 / Lead、鎘 / Cadmium、2-巰基咪唑啉 / 2-Mercaptoimida-zoline.  
 溶出測試 / Migration test : 酚 / Phenol、甲醛 / Formaldehyde、鋅 / Zinc、高錳酸鉀消耗量 / Potassium permanganate consumption、重金屬(以鉛計) / Heavy metal (as Pb)、蒸發殘渣 / Evaporation residue、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)、己二酸二(2-乙基己基)酯 (DEHA) (DOA).
- (1.2) 材質試驗 / Material test : 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).
- 溶出測試 / Migration test : 鄰苯二甲酸二正辛酯 (DNOP).

### 測試結果(Test Results) : 請見下一頁 (Please refer to next pages).

\* 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 \*

(The test report is the test result issued by the testing institutions as requested by the consignor. Regarding to the legitimacy of the product, it shall be determined by the authorities according to the law.)

\* 本報告測試結果係引用自報告 CY/2013/C1105 相同材質/部位之測試結果 \*

(The test results of this report were quoted from test results of same material/parts in report CY/2013/C1105)

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

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## 測試報告

## Test Report

號碼(No.) : CY/2014/10675 日期(Date) : 2014/01/20 頁數(Page) : 2 of 6

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**結論(Conclusion)** : (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六條 (102.08.20部授食字第1021350146號令修正)。 / Based upon the performed tests on submitted samples, the test results comply with the limits of requirements in Article 6 of Sanitation Standard for Food Utensils, Containers and Packages (MOHW Food No. 1021350146 was amended on 2013/08/20).

**測試結果(Test Results)**

測試部位(PART NAME)No.1 : 灰色矽膠 (GRAY SILICONE (CY/2013/C1105))

(1.1)

通過(PASS)

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	方法偵測 極限值 (MDL)	結果 (Result) No.1	法規 限值 (Limit)
鉛 / Lead (Pb)	ppm	參考食品器具、容器、包裝檢驗方法-哺乳器具除外之橡膠類檢驗(102年9月6日部授食字第1021950329號公告)，以ICP-AES分析。 / With reference to Sanitation Standard for Food Utensils, Containers and Packages-Rubber(except milk feeders for babies) (MOHW Food No. 1021950329 announced, September 6, 2013). Analysis was performance by ICP-AES.	1	n.d. (*)	100
鎘 / Cadmium (Cd)	ppm		0.1	n.d. (*)	100
鋅-(4%醋酸, 95°C, 30分鐘) / Zinc (Zn)-(4% acetic acid, 95°C, 30 min)	ppm		0.1	n.d. (*)	15
2-巰基咪唑啉 / 2-Mercaptoimidazoline	ppm	參考食品器具、容器、包裝檢驗方法-哺乳器具除外之橡膠類檢驗(102年9月6日部授食字第1021950329號公告)。 / With reference to Sanitation Standard for Food Utensils, Containers and Packages-Rubber(except milk feeders for babies) (MOHW Food No. 1021950329 announced, September 6, 2013).	20	Negative (*)	Negative
酚-(水, 95°C, 30分鐘) / Phenol-(water, 95°C, 30 min)	ppm		2	n.d. (*)	5
甲醛-(水, 95°C, 30分鐘) / Formaldehyde-(water, 95°C, 30 min)	ppm		4	Negative (*)	Negative
重金屬(以鉛計)-(4%醋酸, 95°C, 30分鐘) / Heavy metal (as Pb)-(4% acetic acid, 95°C, 30 min)	ppm		1	Negative (*)	1
蒸發殘渣-(水, 95°C, 30分鐘) / Evaporation residue-(water, 95°C, 30 min)	ppm		10	n.d. (*)	60
蒸發殘渣-(20%酒精, 60°C, 30分鐘) / Evaporation residue-(20% alcohol, 60°C, 30 min)	ppm		10	n.d. (*)	60

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## 測試報告

## Test Report

號碼(No.) : CY/2014/10675 日期(Date) : 2014/01/20 頁數(Page) : 3 of 6

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(1.1)

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	方法偵測 極限值 (MDL)	結果 (Result) No.1	法規 限值 (Limit)
高錳酸鉀消耗量-(水, 95°C, 30分鐘) / Potassium permanganate consumption-(water, 95°C, 30 min)	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)。 / With reference to Sanitation Standard for Food Utensils, Containers and Packages-Plastics (MOHW Food No. 1021950607 announced, November 13, 2013).	3	n.d. (*)	10
鄰苯二甲酸二(2-乙基己基)酯 (正庚烷, 25°C, 1小時) / DEHP (Di-(2-ethylhexyl) phthalate) (CAS No.: 117-81-7) (n-Heptane, 25°C, 1 hour)	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。 / With reference to Sanitation Standard for Food Utensils, Containers and Packages-Plastics (MOHW Food No. 1021950607 announced, November 13, 2013). Analysis was performed by GC/MS.	0.05	n.d. (*)	1.5
鄰苯二甲酸二丁酯 (正庚烷, 25°C, 1小時) / DBP (Di-n-butyl phthalate) (CAS No.: 84-74-2) (n-Heptane, 25°C, 1 hour)	ppm		0.05	n.d. (*)	0.3
鄰苯二甲酸二異壬酯 (正庚烷, 25°C, 1小時) / DINP (Diisononyl phthalate) (CAS No.: 28553-12-0; 68515-48-0) (n-Heptane, 25°C, 1 hour)	ppm		0.5	n.d. (*)	9
鄰苯二甲酸二異癸酯 (正庚烷, 25°C, 1小時) / DIDP (Diisodecyl phthalate) (CAS No.: 26761-40-0; 68515-49-1) (n-Heptane, 25°C, 1 hour)	ppm		0.5	n.d. (*)	9
鄰苯二甲酸丁苯甲酯 (正庚烷, 25°C, 1小時) / BBP (Butylbenzyl phthalate) (CAS No.: 85-68-7) (n-Heptane, 25°C, 1 hour)	ppm		0.05	n.d. (*)	30
己二酸二(2-乙基己基)酯 (正庚烷, 25°C, 1小時) / DEHA (Di-2-ethylhexyl Adipate) (DOA) (CAS No.: 103-23-1) (n-Heptane, 25°C, 1 hour)	ppm		0.05	n.d. (*)	18

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## 測試報告

## Test Report

號碼(No.) : CY/2014/10675 日期(Date) : 2014/01/20 頁數(Page) : 4 of 6

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(1.2)

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	方法偵測 極限值 (MDL)	結果 (Result)	法規 限值 (Limit)
				No.1	
鄰苯二甲酸二正辛酯（正庚烷，25℃，1小時） / DNOP (Di-n-octyl phthalate) (CAS No.: 117-84-0) (n-Heptane, 25℃, 1 hour)	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。 / With reference to Sanitation Standard for Food Utensils, Containers and Packages-Plastics (MOHW Food No. 1021950607 announced, November 13, 2013). Analysis was performed by GC/MS.	0.05	n.d. (*)	-
鄰苯二甲酸二(2-乙基己基)酯 / DEHP (Di-(2-ethylhexyl) phthalate) (CAS No.: 117-81-7)	%	參考CNS 15138方法，以氣相層析/質譜儀檢測之。 / With reference to CNS 15138 method. Analysis was performed by GC/MS.	0.003	n.d. (*)	0.1
鄰苯二甲酸二丁酯 / DBP (Di-n-butyl phthalate) (CAS No.: 84-74-2)	%		0.003	n.d. (*)	0.1
鄰苯二甲酸丁苄甲酯 / BBP (Butylbenzyl phthalate) (CAS No.: 85-68-7)	%		0.003	n.d. (*)	0.1
鄰苯二甲酸二異癸酯 / DIDP (Diisodecyl phthalate) (CAS No.: 26761-40-0; 68515-49-1)	%		0.01	n.d. (*)	0.1
鄰苯二甲酸二異壬酯 / DINP (Diisononyl phthalate) (CAS No.: 28553-12-0; 68515-48-0)	%		0.01	n.d. (*)	0.1
鄰苯二甲酸二甲酯 / DMP (Dimethyl phthalate) (CAS No.: 131-11-3)	%		0.003	n.d. (*)	0.1
鄰苯二甲酸二正辛酯 / DNOP (Di-n-octyl phthalate) (CAS No.: 117-84-0)	%		0.003	n.d. (*)	0.1
鄰苯二甲酸二乙酯 / DEP (Diethyl phthalate) (CAS No.: 84-66-2)	%		0.003	n.d. (*)	0.1

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## 測試報告

## Test Report

號碼(No.) : CY/2014/10675 日期(Date) : 2014/01/20 頁數(Page) : 5 of 6

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### 備註(Note) :

1. 0.1wt% = 1000ppm ; mg/kg = ppm
2. MDL = Method Detection Limit (方法偵測極限值)
3. n.d. = Not Detected = less than MDL (未檢出)
4. "-" = Not Regulated (無規格值)
5. Negative = Undetectable 陰性(未偵測到); Positive = Detectable 陽性(已偵測到)
6. (\*): With reference to CY/2013/C1105. (參考CY/2013/C1105.)

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## Test Report

號碼(No.) : CY/2014/10675 日期(Date) : 2014/01/20 頁數(Page) : 6 of 6

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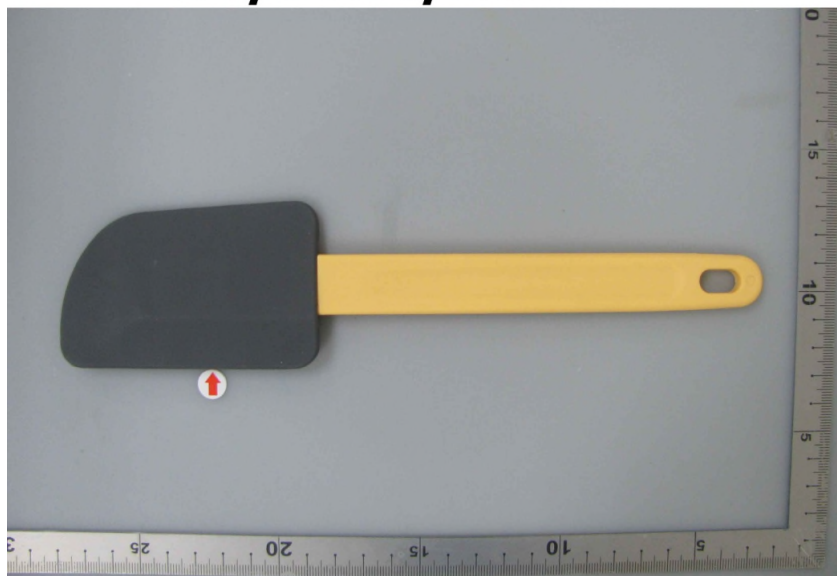
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\* 照片中如有箭頭標示，則表示為實際檢測之樣品/部位。 \*

(The tested sample / part is marked by an arrow if it's shown on the photo.)

### CY/2014/10675



\*\* 報告結尾 (End of Report) \*\*

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