

測試報告 Test Report

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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.



以下測試樣品係由客戶送樣，且由客戶聲稱並經客戶確認如下 (The following samples was/were submitted and identified by/on behalf of the client as):

樣品名稱(Sample Description) : 盤蓋-花型提把 (120mm 黃)
 樣品型號(Style/Item No.) : SE-01006-12
 樣品材質(Sample Material) : 矽膠 R2702 (SILICONE R2702)
 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) : 2012/02/17
 測試期間(Testing Period) : 2012/02/17 TO 2012/04/16

測試需求(Test Requested) :

- 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: / As specified by client, selected parts of the submitted sample(s) according to Article 4 of Sanitation Standard for Food Utensils, Containers and Packages (DOH Food No. 1001303928 was amended on 2012/01/18) were testing with the following items:
 材質測試 / Migration test : 鉛 / Lead、鎘 / Cadmium、2-巰基咪唑啉 / 2-Mercaptoimidazoline.
 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 2-乙基己基酯 / DEHP (Di- (2-ethylhexyl) phthalate)、鄰苯二甲酸二丁酯 / DBP (Di-n-butyl phthalate).
- 溶出測試 / Migration test : 鄰苯二甲酸二異壬酯 / DINP (Di-isononyl phthalate)、鄰苯二甲酸二異癸酯 / DIDP (Di-isodecyl phthalate)、鄰苯二甲酸丁基苯酯 / BBP (butyl benzyl phthalate)、鄰苯二甲酸二辛酯 / DOP (Diocetyl phthalate).

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

結論(Conclusion)

- 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). / Based upon the performed tests on submitted samples, the test results comply with the limits of requirements in Article 4 of Sanitation Standard for Food Utensils, Containers and Packages (DOH Food No. 1001303928 was amended on 2012/01/18).

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



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測試結果(Test Results)

測試部位(PART NAME)No.1 : 黃色矽膠 (YELLOW SILICONE)

測試部位(PART NAME)No.2 : 透明白色矽膠 (TRANSPARENT-WHITE SILICONE)

(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)		法規 限值 (Limit)
				No.1	No.2	
鉛 / Lead (Pb)	mg/kg	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(93年5月 署授食字第0939311138號修訂), 以 ICP-AES分析. / With reference to Sanitation Standard for Food Utensils, Containers and Packages-Rubber(except milk feeders for babies) (DOH Food No. 0939311138 Amended and Appended, May 2004). Analysis was performance by ICP-AES.	1	n.d.	n.d.	100
鎘 / Cadmium (Cd)	mg/kg		0.1	n.d.	n.d.	100
鋅-(4%醋酸, 95°C, 30分鐘) / Zinc (Zn)-(4% acetic acid, 95°C, 30 min)	mg/L		0.1	n.d.	n.d.	15
2-巰基咪唑啉 / 2-Mercaptoimidazoline	mg/kg	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(93年5月 署授食字第0939311138號修訂). / With reference to Sanitation Standard for Food Utensils, Containers and Packages- Rubber(except milk feeders for babies) (DOH Food No. 0939311138 Amended and Appended, May 2004).	20	Negative	Negative	Negative
酚-(水, 95°C, 30分鐘) / Phenol- (water, 95°C, 30 min)	mg/L		5	n.d.	n.d.	5
甲醛-(水, 95°C, 30分鐘) / Formaldehyde-(water, 95°C, 30 min)	mg/L		4	Negative	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)	mg/L		1	Negative	Negative	1
蒸發殘渣-(水, 95°C, 30分鐘) / Evaporation residue-(water, 95°C, 30 min)	mg/L		10	n.d.	11.0	60
蒸發殘渣-(20%酒精, 60°C, 30分鐘) / Evaporation residue-(20% alcohol, 60°C, 30 min)	mg/L		10	n.d.	13.0	60

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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	No.2	
高錳酸鉀消耗量-(水, 95°C, 30分鐘) / Potassium permanganate consumption-(water, 95°C, 30 min)	mg/L	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)。 / With reference to Sanitation Standard for Food Utensils, Containers and Packages-Plastics (DOH Food No. 1001902289 Amended and Appended, July 2011).	3	n.d.	n.d.	10
鄰苯二甲酸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(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。 / With reference to Sanitation Standard for Food Utensils, Containers and Packages-Plastics (DOH Food No. 1001902289). Analysis was performed by GC/MS.	0.05	0.14	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.	n.d.	0.3

(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	No.2	
鄰苯二甲酸二異壬酯 (正庚烷, 25°C, 1小時) / DINP (Di-isononyl phthalate) (CAS No.: 28553-12-0) (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(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。 / With reference to Sanitation Standard for Food Utensils, Containers and Packages-Plastics (DOH Food No. 1001902289). Analysis was performed by GC/MS.	0.5	n.d.	n.d.	-
鄰苯二甲酸二異癸酯 (正庚烷, 25°C, 1小時) / DIDP (Di-isodecyl phthalate) (CAS No.: 26761-40-0) (n-Heptane, 25°C, 1 hour)	ppm		0.5	n.d.	n.d.	-

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				No.1	No.2	
鄰苯二甲酸丁基苯酯 (正庚烷, 25°C, 1小時) / BBP (butyl benzyl phthalate) (CAS No.: 85-68-7) (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(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。 / With reference to Sanitation Standard for Food Utensils, Containers and Packages-Plastics (DOH Food No. 1001902289). Analysis was performed by GC/MS.	0.05	n.d.	n.d.	-
鄰苯二甲酸二辛酯 (正庚烷, 25°C, 1小時) / DOP (Dioctyl phthalate) (CAS No.: 117-84-0) (n-Heptane, 25°C, 1 hour)	ppm		0.05	n.d.	n.d.	-

備註(Note) :

- 0.1wt% = 1000ppm ; mg/kg = ppm ; mg/L = ppm
- MDL = Method Detection Limit (方法偵測極限值)
- n.d. = Not Detected (未檢出)
- "-" = Not Regulated (無規格值)
- Negative = Undetectable 陰性(未偵測到); Positive = Detectable 陽性(已偵測到)

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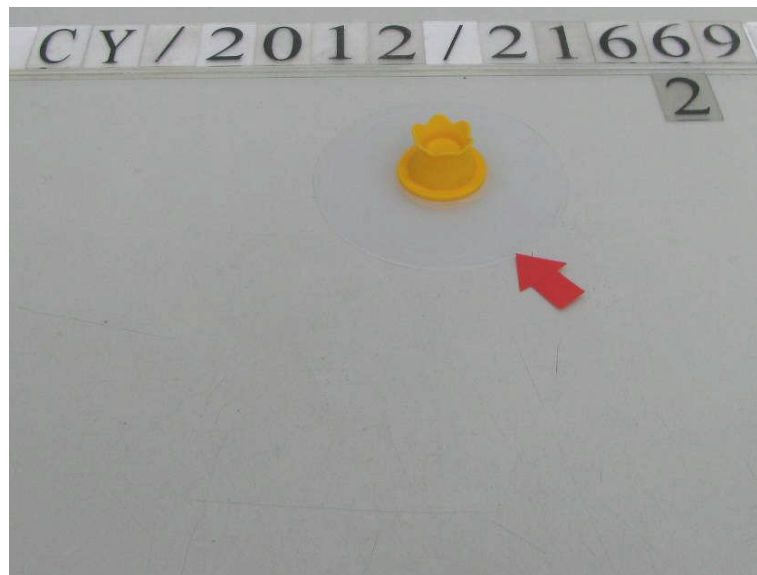
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* 照片中如有箭頭標示，則表示為實際檢測之樣品/部位。 *

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



** 報告結尾 **

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