Signature Not Verified
For Question,
Please Contact with SGS
www.tw.sgs.com

測試報告
Test Report

號碼(No.) : CY/2012/21679　日期(Date) : 2012/04/13　頁數(Page) : 1 of 5

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 DISTRECT, 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,盤--黃,提把--橘)
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 2012/04/13

==========

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-巯基咪唑啉 / 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).

(2) 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 (Dioctyl phthalate).

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

結　論(Conclusion)：

(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). / 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).

SGS TAIWAN LTD

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

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company.除非另有說明，此報告結果僅對測試之樣品負責。本報告未經本公司書面許可，不可部分複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/en/Terms-and-Conditions/Terms-e-Document. 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 instructions, 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.

測試報告
Test Report

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 DISTRECT, TAINAN CITY 709, TAIWAN, R.O.C.

測試結果(Test Results)

測試部位(PART NAME)No.1 : 橘色矽膠 (ORANGE SILICONE)
測試部位(PART NAME)No.2 : 透明黃色矽膠 (TRANSPARENT-YELLOW 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) No.1	結果 (Result) No.2	法規限值 (Limit)
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℃, 30分鐘) / Zinc (Zn)-(4% acetic acid, 95℃, 30 min)	mg/L		0.1	n.d.	n.d.	15
2-巯基咪唑啉 / 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℃, 30分鐘) / Phenol-(water, 95℃, 30 min)	mg/L		5	n.d.	n.d.	5
甲醛-(水, 95℃, 30分鐘) / Formaldehyde-(water, 95℃, 30 min)	mg/L		4	Negative	Negative	Negative
重金屬(以鉛計)-(4%醋酸, 95℃, 30分鐘) / Heavy metal (as Pb)-(4% acetic acid, 95℃, 30 min)	mg/L		1	Negaitve	Negative	1
蒸發殘渣-(水, 95℃, 30分鐘) / Evaporation residue-(water, 95℃, 30 min)	mg/L		10	12.0	n.d.	60
蒸發殘渣-(20%酒精, 60℃, 30分鐘) / Evaporation residue-(20% alcohol, 60℃, 30 min)	mg/L		10	16.0	n.d.	60

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company.除非另有說明，此報告結果僅對測試之樣品負責。本報告未經本公司書面許可，不可部分複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/en/Terms-and-Conditions/Terms-e-Document. 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 instructions, 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.

測試報告
Test Report

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 DISTRECT, TAINAN CITY 709, TAIWAN, R.O.C.

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℃, 30分鐘) / Potassium permanganate consumption-(water, 95℃, 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	5.6	4.7	10
鄰苯二甲酸2-乙基己基酯 (正庚烷, 25℃, 1小時) / DEHP (Di- (2-ethylhexyl) phthalate) (CAS No.: 117-81-7) (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(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	0.71	0.13	1.5
鄰苯二甲酸二丁酯 (正庚烷, 25℃, 1小時) / DBP (Di-n-butyl phthalate) (CAS No.: 84-74-2) (n-Heptane, 25℃, 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℃, 1小時) / DINP (Di-isononyl phthalate) (CAS No.: 28553-12-0) (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(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	6.31	4.05	-
鄰苯二甲酸二異癸酯 (正庚烷, 25℃, 1小時) / DIDP (Di-isodecyl phthalate) (CAS No.: 26761-40-0) (n-Heptane, 25℃, 1 hour)	ppm		0.5	n.d.	n.d.	-

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company.除非另有說明，此報告結果僅對測試之樣品負責。本報告未經本公司書面許可，不可部分複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/en/Terms-and-Conditions/Terms-e-Document. 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 instructions, 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.

測試報告
Test Report

號碼(No.) : CY/2012/21679　日期(Date) : 2012/04/13　頁數(Page) : 4 of 5

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 DISTRECT, TAINAN CITY 709, TAIWAN, R.O.C.

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	
鄰苯二甲酸丁基苯酯 (正庚烷, 25℃, 1小時) / BBP (butyl benzyl phthalate) (CAS No.: 85-68-7) (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(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℃, 1小時) / DOP (Dioctyl phthalate) (CAS No.: 117-84-0) (n-Heptane, 25℃, 1 hour)	ppm		0.05	n.d.	n.d.	-

備註(Note)：

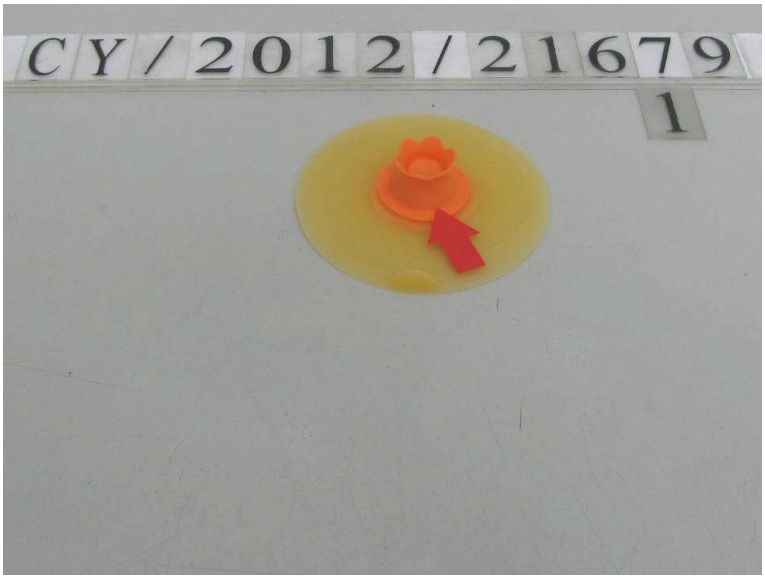
1. 0.1wt% = 1000ppm；mg/kg = ppm ; mg/L = ppm
2. MDL = Method Detection Limit (方法偵測極限值)
3. n.d. = Not Detected (未檢出)
4. "-" = Not Regulated (無規格值)
5. Negative = Undetectable 陰性(未偵測到); Positive = Detectable 陽性(已偵測到)

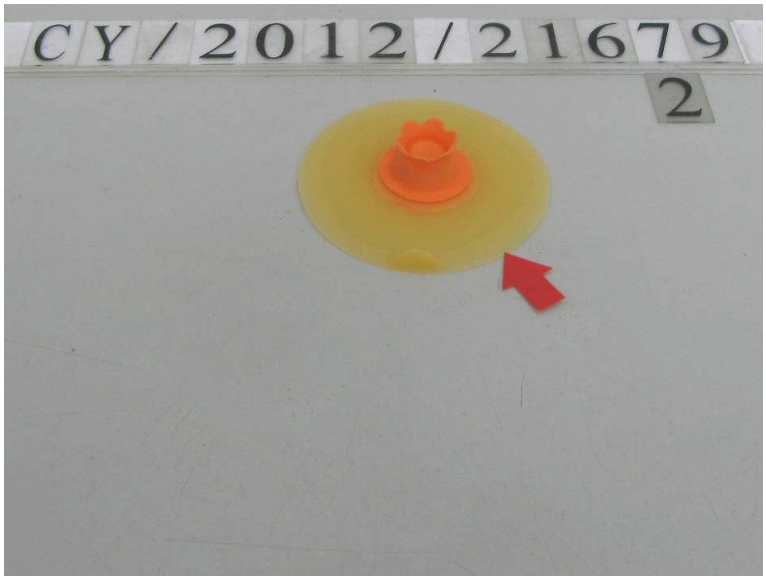
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company.除非另有說明，此報告結果僅對測試之樣品負責。本報告未經本公司書面許可，不可部分複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/en/Terms-and-Conditions/Terms-e-Document. 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 instructions, 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.

測試報告
Test Report

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 DISTRECT, TAINAN CITY 709, TAIWAN, R.O.C.

* 照片中如有箭頭標示，則表示爲實際檢測之樣品/部位. *
(The tested sample / part is marked by an arrow if it's shown on the photo.)





** 報告結尾 **

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company.除非另有說明，此報告結果僅對測試之樣品負責。本報告未經本公司書面許可，不可部分複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/en/Terms-and-Conditions/Terms-e-Document. 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 instructions, 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.