

測試報告

Test Report

號碼(No.) : CY/2014/31875

日期(Date) : 2014/04/08

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頂豪生活科技股份有限公司

METALWARE TECHNOLOGY CORP.

新北市新店區民權路117號10F

10F., NO. 117, MINQUAN RD., XINDIAN DIST., NEW TAIPEI CITY 23141, TAIWAN

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)	:	頂豪生活科技股份有限公司 (METALWARE TECHNOLOGY CORP.)
樣品名稱(Sample Description)	:	SILICONE CAP/矽膠保鮮膜
樣品型號(Style/Item No.)	:	LSC-XXXX-X
樣品材質(Sample Material)	:	矽膠 (SILICONE)
生產或供應廠商(Manufacturer/Vendor)	:	頂豪生活科技股份有限公司 (METALWARE TECHNOLOGY CORP.)
原產國(Country of Origin)	:	台灣 (TAIWAN)
收件日期(Sample Receiving Date)	:	2014/03/27
測試期間(Testing Period)	:	2014/03/27 TO 2014/04/08

測試需求(Test Requested) : 依據客戶指定, 參考德國於2005年9月1日公告的食品、日用品及飼料法(LFGB)及其修訂案, 第30條與第31條、BfR recommendation. (As specified by client, with reference to German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments, BfR recommendation.)

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

總 結(Summary) : 根據客戶所提供的樣品, 其多環芳香烴的測試結果符合德國於2005年9月1日公告的食品、日用品及飼料法(LFGB)及其修訂案, 第30條與第31條、BfR recommendation之限值要求 (Based on the performed tests on submitted samples, the test result of Polynuclear Aromatic Hydrocarbons (PAHs) comply with the limits as set by German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments, BfR recommendation.)



George Fong / 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 : 半透明白色矽膠 (TRANSLUCENT-WHITE SILICONE)

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)
多環芳香烴 / Polynuclear Aromatic Hydrocarbons (PAHs)					
芴 / Acenaphthene (CAS No.: 83-32-9)	mg/kg	參考ZLS standard ZEK 01.4-08方法, 以氣相層析/ 質譜儀檢測. / With reference to ZLS standard ZEK 01.4-08 method. Analysis was performed by GC/MS.	0.2	n.d.	-
芴烯 / Acenaphthylene (CAS No.: 208-96-8)	mg/kg		0.2	n.d.	-
蒽 / Anthracene (CAS No.: 120-12-7)	mg/kg		0.2	n.d.	-
苯駢蒽 / Benzo[a]anthracene (CAS No.: 56-55-3)	mg/kg		0.2	n.d.	-
苯駢(a)芘 / Benzo[a]pyrene (CAS No.: 50-32-8)	mg/kg		0.2	n.d.	-
苯(b)苯駢芴 / Benzo[b]fluoranthene (CAS No.: 205-99-2)	mg/kg		0.2	n.d.	-
苯駢芘 / Benzo[g,h,i]perylene (CAS No.: 191-24-2)	mg/kg		0.2	n.d.	-
苯(k)苯駢芴 / Benzo[k]fluoranthene (CAS No.: 207-08-9)	mg/kg		0.2	n.d.	-
Chrysene (CAS No.: 218-01-9)	mg/kg		0.2	n.d.	-
二苯駢蒽 / Dibenzo[a,h]anthracene (CAS No.: 53-70-3)	mg/kg		0.2	n.d.	-
苯駢芴 / Fluoranthene (CAS No.: 206-44-0)	mg/kg		0.2	n.d.	-
芴 / Fluorene (CAS No.: 86-73-7)	mg/kg		0.2	n.d.	-
茚酮芘 / Indeno[1,2,3-c,d] pyrene (CAS No.: 193-39-5)	mg/kg		0.2	n.d.	-
萘 / Naphthalene (CAS No.: 91-20-3)	mg/kg		0.2	n.d.	-
菲 / Phenanthrene (CAS No.: 85-01-8)	mg/kg		0.2	n.d.	-
芘 / Pyrene (CAS No.: 129-00-0)	mg/kg		0.2	n.d.	-
苯(j)苯駢芴 / Benzo[j]fluoranthene (CAS No.: 205-82-3)	mg/kg		0.2	n.d.	-
苯駢(e)芘 / Benzo[e]pyrene (CAS No.: 192-97-2)	mg/kg		0.2	n.d.	-
多環芳香烴18項總和 / Sum of 18 PAHs	mg/kg		-	n.d.	Note Δ

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備註(Note) :

1. mg/kg = ppm
2. n.d. = Not Detected (未檢出)
3. MDL = Method Detection Limit (方法偵測極限值)
4. - = Not Regulated / 無規格值

△ 參考資料(Reference information) :

依據ZEK 01.4-08之要求：產品中最大值為

(Requirement of ZEK 01.4-08 : Restraining maximum values for products)

項目 (Parameter)	第1類 (Category 1)	第2類 (Category 2)	第3類 (Category 3)
	意圖放入嘴內的材料或與36個月以下的幼兒皮膚有所接觸的玩具。 (Material indented to be put in the mouth or toys for children aged < 36 months with intended skin contact.)	可預見與皮膚接觸逾30秒(長期與皮膚接觸), 以及不屬於第1類的材料。 (Materials not falling under category 1 with foreseeable contact to skin for longer than 30 seconds (long-term skin contact).)	可預見與皮膚接觸短於30秒(短期與皮膚接觸), 以及不屬於第1類或第2類的材料。(Materials not falling under category 1 or 2 with foreseeable contact to skin for less than 30 seconds (short-term skin contact).)
苯駢(a)芘 Benzo[a]pyrene (mg/kg)	<MDL (<0.2)**	1	20
18項PAH總濃度 (Sum of 18 PAH) (mg/kg)*	<MDL (<0.2)**	10	200

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注意(Remark):

* = PAH濃度大於0.2mg/kg時，則須計算PAH總濃度值

(Only PAH substances >0.2 mg/kg are taken into account while calculating the sum of PAHs)

** = 最大濃度值超出等級一的限制，但在等級二的濃度限制值內時，可能需要確認測試材質是否適用於與食品或與口腔黏膜接

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