

Test Report

No. : CY/2011/60767 Date : 2011/06/10 Page : 1 of 3

MAU DE LTD.
NO. 298, PENG YI RD., TAIPING DIST., TAICHUNG CITY, TAIWAN



The following sample(s) was/were submitted and identified by/on behalf of the client as :

Sample Description : GALLON PAIL
Sample Material : HDPE
Color : NATURAL
Sample Receiving Date : 2011/06/08
Testing Period : 2011/06/08 TO 2011/06/10

Test Requested : (1) As specified by client, selected parts of the submitted sample(s) according to Sanitation Standard for Food Utensils, Containers and Packages (DOH Food No. 0991303265 was amended on 2010/11/22) were testing with the following items:

Migration test : DEHP (Di- (2-ethylhexyl) phthalate) - DBP (Dibutyl phthalate).

(2) Others

Test Result(s) : Please refer to next page(s).

Conclusion : (1) Based upon the performed tests on submitted samples, the test results comply with the limits of Requirements of Sanitation Standard for Food Utensils, Containers and Packages (DOH Food No. 0991303265 Amended and Appended, 2010/11/22).


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



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SGS Taiwan Ltd.
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MAU DE LTD.
NO. 298, PENG YI RD., TAIPING DIST., TAICHUNG CITY, TAIWAN



Test Result(s)

PART NAME No.1 : TRANSLUCENT PLATIC

(1) PASS

Test Item (s)	Unit	Method	MDL	Result	Limit
				No.1	
DEHP (Di- (2-ethylhexyl) phthalate) (CAS No.: 117-81-7) (n-Heptane, 25°C, 1 hour)	mg/L	With reference to Sanitation Standard for Food Utensils, Containers and Packages-Plastics (DOH Food No. 1001901064). Analysis was performed by GC/MS.	0.05	n.d.	1.5
DBP (Dibutyl phthalate) (CAS No.: 84-74-2) (n-Heptane, 25°C, 1 hour)	mg/L	With reference to Sanitation Standard for Food Utensils, Containers and Packages-Plastics (DOH Food No. 1001901064). Analysis was performed by GC/MS.	0.05	n.d.	0.3

(2)

Test Item (s)	Unit	Method	MDL	Result	Limit
				No.1	
DIHP (Di-isononyl phthalate) (CAS No.: 28553-12-0) (n-Heptane, 25°C, 1 hour)	mg/L	With reference to Sanitation Standard for Food Utensils, Containers and Packages-Plastics (DOH Food No. 1001901064). Analysis was performed by GC/MS.	0.5	n.d.	-
DIDP (Di-isodecyl phthalate) (CAS No.: 26761-40-0) (n-Heptane, 25°C, 1 hour)	mg/L	With reference to Sanitation Standard for Food Utensils, Containers and Packages-Plastics (DOH Food No. 1001901064). Analysis was performed by GC/MS.	0.5	n.d.	-
BBP (Benzyl butyl phthalate) (CAS No.: 85-68-7) (n-Heptane, 25°C, 1 hour)	mg/L	With reference to Sanitation Standard for Food Utensils, Containers and Packages-Plastics (DOH Food No. 1001901064). Analysis was performed by GC/MS.	0.05	n.d.	-
DNOP (Di-n-octyl phthalate) (CAS No.: 117-84-0) (n-Heptane, 25°C, 1 hour)	mg/L	With reference to Sanitation Standard for Food Utensils, Containers and Packages-Plastics (DOH Food No. 1001901064). Analysis was performed by GC/MS.	0.05	n.d.	-

Note :

- 0.1wt% = 1000ppm ; mg/kg = ppm ; mg/L = ppm
- MDL = Method Detection Limit
- n.d. = Not Detected
- " - " = Not Regulated

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測試報告

號碼：CY/2011/60767A 日期：2011/06/10 頁數：1 of 3

憑得有限公司
台中市太平區鵬儀路298號



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：

樣品名稱：加侖桶
樣品材質：HDPE
顏色：本色
收件日期：2011/06/08
測試期間：2011/06/08 TO 2011/06/10

=====
測試需求：(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(99.11.22署授食字第0991303265號令修正)進行以下測試：
- 溶出測試：鄰苯二甲酸二(2-乙基己基)酯、鄰苯二甲酸二丁酯。
(2) 其它
測試結果：請見下一頁。
結 論：(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(99.11.22署授食字第0991303265號令修正)。


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



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測試報告

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日期：2011/06/10

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德祥有限公司
台中市太平區瑞儀路298號



測試結果

測試部位 No.1 : 半透明色塑膠

(1) 通過

測試項目	單位	測試方法	方法偵測 極限值	結果	法規 限值
				No.1	
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)	mg/L	參考食品器具、容器、包裝檢驗方法-塑膠類之檢驗修正草案(署授食字第1001901064號), 以氣相層析/質譜儀(GC/MS)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)	mg/L	參考食品器具、容器、包裝檢驗方法-塑膠類之檢驗修正草案(署授食字第1001901064號), 以氣相層析/質譜儀(GC/MS)檢測。	0.05	n.d.	0.3

(2)

測試項目	單位	測試方法	方法偵測 極限值	結果	法規 限值
				No.1	
鄰苯二甲酸二異壬酯 (DINP) (CAS No.: 28553-12-0) (正庚烷, 25°C, 1小時)	mg/L	參考食品器具、容器、包裝檢驗方法-塑膠類之檢驗修正草案(署授食字第1001901064號), 以氣相層析/質譜儀(GC/MS)檢測。	0.5	n.d.	-
鄰苯二甲酸二異癸酯 (DIDP) (CAS No.: 26761-40-0) (正庚烷, 25°C, 1小時)	mg/L	參考食品器具、容器、包裝檢驗方法-塑膠類之檢驗修正草案(署授食字第1001901064號), 以氣相層析/質譜儀(GC/MS)檢測。	0.5	n.d.	-
鄰苯二甲酸甲苯基丁酯 (BBP) (CAS No.: 85-68-7) (正庚烷, 25°C, 1小時)	mg/L	參考食品器具、容器、包裝檢驗方法-塑膠類之檢驗修正草案(署授食字第1001901064號), 以氣相層析/質譜儀(GC/MS)檢測。	0.05	n.d.	-
鄰苯二甲酸二正辛酯 (DNOP) (CAS No.: 117-84-0) (正庚烷, 25°C, 1小時)	mg/L	參考食品器具、容器、包裝檢驗方法-塑膠類之檢驗修正草案(署授食字第1001901064號), 以氣相層析/質譜儀(GC/MS)檢測。	0.05	n.d.	-

備註：

- 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

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