

**Test Report**

Number : TWNC0057573701

Applicant: Maymom, LLC  
No 20-7 Aly 19 LN333  
ChungCheng RD Chunan Mioli County Taiwan

Date : Jan 24, 2017

**Sample Description:**

One (1) group of submitted samples said to be :

Item Name : (A) PP Milk bottle 150ml, standard mouth, transparent  
(B) PP Milk bottle 150ml, standard mouth, Semi-transparent  
(C) Milk bottle cap, standard mouth, yellow  
(D) Widemouth bottle converter  
(E) Bottle thread changer

Batch No. : (A) 17/10/2016  
(B) 30/4/2016  
(C) 7/9/2016  
(D) 18/11/2016  
(E) 30/11/2016

Quantity : 5 Groups  
Agent : Maymom  
Manufacturer : Maymom  
Buyer : Maymom  
Country of Origin : Taiwan  
Goods Exported to : USA, China, UK, CA.DE  
Date Sample Received : Jan 03, 2017  
Date Test Started : Jan 03, 2017

**Test Conducted:**

As requested by the applicant, for details please refer to attached pages.

**Conclusion:**

Please see page two.

Authorized by:  
On Behalf of Intertek Testing Services  
Taiwan Limited



Matt Wang  
Sr. Manager



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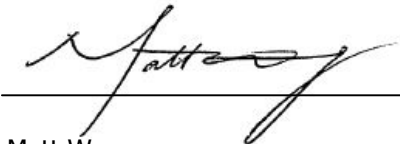
Conclusion:

<u>Tested Sample</u>	<u>Standard</u>	<u>Result</u>
Tested Components of Submitted Samples	Total Lead (Pb) Content In Non-Surface Coating Materials (Substrate) – As Per U.S. Consumer Product Safety Improvement Act 2008, Title I, Section 101	Pass (#1)
	Phthalates Content – As Per U.S. Consumer Product Safety Improvement Act 2008, Title I, Section 108	Pass (#1)
	Test For F.D.A. Regulation On Polypropylene – As Per U.S. 21 CFR F.D.A. Regulation Part 177.1520 Clauses (c)(1.1) And (d)	See Test Conducted
	Bisphenol-A Content – As Per Applicant's Request	See Test Conducted

Remark: #1 = As requested by the applicant, the test was conducted only on components listed in this report. Other components were not tested.

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Test Conducted :

**1. Total Lead (Pb) Content In Non-Surface Coating Materials (Substrate)**

According to CPSIA Test Method: CPSC-CH-E1002-08.3(non-metal) and CPSC-CH-E1001-08.3(metal), by acid digestion and Atomic Absorption Spectrophotometer (AAS) analysis.

<u>Tested Component</u> (1/2/3)	<u>Result (ppm)</u> ND	<u>Limit (ppm)</u> 100
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Remarks: ppm = Parts per million = mg/kg  
ND = Not detected  
Detection limit = 20 ppm

**2. Phthalates Content**

According to CPSIA Test Method: CPSC-CH-C1001-09.3, by solvent extraction and Gas Chromatography-Mass Spectrometer (GC-MS) analysis.

<u>Compound</u>	<u>Result (%)</u> (1/2/3)	<u>Limit (%)</u>
Diethyl hexyl phthalate (DEHP)	ND	0.1
Dibutyl phthalate (DBP)	ND	0.1
Benzyl butyl phthalate (BBP)	ND	0.1
Di-(iso-nonyl) phthalate (DINP)	ND	0.1
Di-(iso-decyl) phthalate (DIDP)	ND	0.1
Di-(n-octyl) phthalate (DNOP)	ND	0.1

Remarks: % = Percentage based on weight of tested sample  
ND = Not detected  
Detection limit = 0.005% (for each compound)





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Test Conducted :

**3. Test For F.D.A. Regulation On Polypropylene**

As per the U.S. 21 CFR Food and Drug Administration part 177.1520 clauses (c)(1.1) and (d) with modification on density and melting point.

Test Component: (1)

<u>Test Item</u>	<u>Result</u>	<u>Limit</u>
(A) Density (By Sink-Float Method)	0.898	0.880 – 0.913
(B) Melting Point	150°C (#2)	160 - 180°C (1.1a) /150 - 180°C (1.1b)
(C) Maximum Extractable Fraction In N-Hexane	3.75 %(W/W)	6.4 %(W/W)
(D) Maximum Extractable Fraction In Xylene	7.33 %(W/W)	9.8 %(W/W)

Test Component: (2)

<u>Test Item</u>	<u>Result</u>	<u>Limit</u>
(A) Density (By Sink-Float Method)	0.890	0.880 – 0.913
(B) Melting Point	150°C (#2)	160 - 180°C (1.1a) /150 - 180°C (1.1b)
(C) Maximum Extractable Fraction In N-Hexane	1.20 %(W/W)	6.4 %(W/W)
(D) Maximum Extractable Fraction In Xylene	6.59 %(W/W)	9.8 %(W/W)

Test Component: (3)

<u>Test Item</u>	<u>Result</u>	<u>Limit</u>
(A) Density (By Sink-Float Method)	0.897	0.880 – 0.913
(B) Melting Point	150°C (#2)	160 - 180°C (1.1a) /150 - 180°C (1.1b)
(C) Maximum Extractable Fraction In N-Hexane	2.38 %(W/W)	6.4 %(W/W)
(D) Maximum Extractable Fraction In Xylene	7.00 %(W/W)	9.8 %(W/W)





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Test Conducted :

**3. Test For F.D.A. Regulation On Polypropylene**

Test Component: (4)

<u>Test Item</u>	<u>Result</u>	<u>Limit</u>
(A) Density (By Sink-Float Method)	0.902	0.880 – 0.913
(B) Melting Point	150°C (#2)	160 - 180°C (1.1a) /150 - 180°C (1.1b)
(C) Maximum Extractable Fraction In N-Hexane	2.34 %(W/W)	6.4 %(W/W)
(D) Maximum Extractable Fraction In Xylene	6.84 %(W/W)	9.8 %(W/W)

Test Component: (5)

<u>Test Item</u>	<u>Result</u>	<u>Limit</u>
(A) Density (By Sink-Float Method)	0.910	0.880 – 0.913
(B) Melting Point	164°C (#2)	160 - 180°C (1.1a)
(C) Maximum Extractable Fraction In N-Hexane	0.47 %(W/W)	6.4 %(W/W)
(D) Maximum Extractable Fraction In Xylene	2.94 %(W/W)	9.8 %(W/W)

Remarks : % = Percentage based on the residue by weight  
#2 = The limit of clause 1.1a is for polypropylene consists of basic polymers manufactured by the catalytic polymerization of propylene. And the limit of clause 1.1b is for propylene homopolymer consists of basic polymers manufactured by the catalytic polymerization of propylene with a metallocene catalyst.





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Test Conducted :

**4. Bisphenol-A Content**

According to specified composite sampling method which was based on the special request of client, solvent extraction method was used and determined by Liquid Chromatography /Tandem Mass Spectrometer (LC-MS-MS).

<u>Tested Component</u>	<u>Result (ppm)</u>
(1/2/3)	ND
(4/5)	0.2

Remarks: ppm = Parts per million = mg/kg  
ND = Not detected  
Detection limit = 0.1 ppm

Tested components:

- (1) Transparent plastic
  - (2) Semitransparent plastic
  - (3) Yellow plastic
  - (4) Light purple plastic
  - (5) White plastic
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End of Report

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