

Test Report

Applicant: Maymom, LLC
No. 20-7, Aly 19, LN 333, ChungCheng RD.
Chunan, MiaoLi County,
Taiwan

Number : TWNC00696832

Date : May 31, 2018

Sample Description:

One (1) group of submitted sample said to be :
Item Name : Breastpump Tubing
Item No. : M001,M002,M010,M011,M013,M015-PVC,M030-Sonata
Batch No. : May, 2018
Manufacturer : Maymom LLC
Buyer : Maymom LLC
Country of Origin : Taiwan
Goods Exported to : USA, UK, CA, China, DE
Date Sample Received : May 23, 2018
Date Test Started : May 23, 2018

Test Conducted:

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

Conclusion:

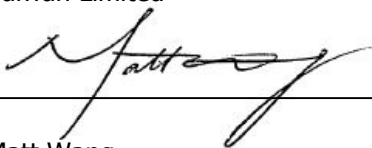
<u>Tested Sample</u>	<u>Standard</u>	<u>Result</u>
Submitted Samples	Restriction Of Hazardous Substances (RoHS) Test – As per applicant's request with reference to 2011/65/EU	Pass
	Phthalates Content – As Per U.S. Consumer Product Safety Improvement Act 2008, Title I, Section 108	Pass
	As Per Applicant's Request With Reference To European Commission Regulation No. 10/2011 And its Amendments – Specific Migration Of Bisphenol A (BPA) Test	Pass

Note : The migration tests were conducted once according to the applicant's request.

Test Condition:

Test Item	Specific Migration Test
Condition	40°C for 24 Hours
Food Simulant	3% Acetic Acid

Authorized by:
On Behalf of Intertek Testing Services
Taiwan Limited



Matt Wang
Sr. Manager



Test Conducted :

1. Restriction Of Hazardous Substances (RoHS) Test

Test Result Summary:

Test Item	Unit	Test Method	Result	RL
			Transparent plastic tube	
Heavy Metal				
Cadmium (Cd) Content	ppm	With reference to IEC 62321-5: 2013, by microwave or acid digestion and determined by ICP-OES.	ND	2
Lead (Pb) Content	ppm	With reference to IEC 62321-5: 2013, by microwave or acid digestion and determined by ICP-OES.	ND	2
Mercury (Hg) Content	ppm	With reference to IEC 62321-4:2013+AMD1:2017, by microwave or acid digestion and determined by ICP-OES.	ND	2
Chromium VI (Cr ⁶⁺) Content	ppm	With reference to IEC 62321-7-2: 2017, organic solvent was used to dissolve or swell sample matrix, followed by alkaline digestion and determined by UV-Vis Spectrophotometer.	ND	8
Polybrominated Biphenyls (PBBs)				
Monobrominated Biphenyls (MonoBB)	ppm	With reference to IEC 62321-6: 2015, by solvent extraction and determined by GC-MS and further HPLC-DAD confirmation when necessary.	ND	5
Dibrominated Biphenyls (DiBB)	ppm		ND	5
Tribrominated Biphenyls (TriBB)	ppm		ND	5
Tetrabrominated Biphenyls (TetraBB)	ppm		ND	5
Pentabrominated Biphenyls (PentaBB)	ppm		ND	5
Hexabrominated Biphenyls (HexaBB)	ppm		ND	5
Heptabrominated Biphenyls (HeptaBB)	ppm		ND	5
Octabrominated Biphenyls (OctaBB)	ppm		ND	5
Nonabrominated Biphenyls (NonaBB)	ppm		ND	5
Decabrominated Biphenyl (DecaBB)	ppm		ND	5



Test Conducted :

Test Item	Unit	Test Method	Result	RL
			Transparent plastic tube	
Polybrominated Diphenyl Ethers (PBDEs)				
Monobrominated Diphenyl Ethers (MonoBDE)	ppm	With reference to IEC 62321-6: 2015, by solvent extraction and determined by GC-MS and further HPLC-DAD confirmation when necessary.	ND	5
Dibrominated Diphenyl Ethers (DiBDE)	ppm		ND	5
Tribrominated Diphenyl Ethers (TriBDE)	ppm		ND	5
Tetrabrominated Diphenyl Ethers (TetraBDE)	ppm		ND	5
Pentabrominated Diphenyl Ethers (PentaBDE)	ppm		ND	5
Hexabrominated Diphenyl Ethers (HexaBDE)	ppm		ND	5
Heptabrominated Diphenyl Ethers (HeptaBDE)	ppm		ND	5
Octabrominated Diphenyl Ethers (OctaBDE)	ppm		ND	5
Nonabrominated Diphenyl Ethers (NonaBDE)	ppm		ND	5
Decabrominated Diphenyl Ether (DecaBDE)	ppm		ND	5
Phthalates				
Di(2-ethylhexyl) Phthalate (DEHP)	ppm	With reference to IEC 62321-8:2017, by solvent extraction and determined by GC-MS.	ND	50
Dibutyl Phthalate (DBP)	ppm		ND	50
Benzyl Butyl Phthalate (BBP)	ppm		ND	50
Diisobutyl Phthalate (DIBP)	ppm		ND	50

Remarks: ppm = Parts per million based on weight of tested sample = mg/kg
 ND = Not detected
 RL = Reporting limit, quantitation limit of analyte in sample

Responsibility of Chemist: Pely Hsiao/ Vita Fu

Date Sample Received : May 23, 2018
 Test Period : May 24, 2018 to May 30, 2018



Test Conducted :

RoHS Limit

<u>Restricted Substances</u>	<u>Limits</u>
Cadmium (Cd) content	0.01% (100ppm)
Lead (Pb) content	0.1% (1000ppm)
Mercury (Hg) content	0.1% (1000ppm)
Chromium VI (Cr ⁶⁺) content	0.1% (1000ppm)
Polybrominated Biphenyls (PBBs)	0.1% (1000ppm)
Polybrominated Diphenyl Ethers (PBDEs)	0.1% (1000ppm)
Di(2-ethylhexyl) Phthalate (DEHP)	0.1% (1000ppm)
Dibutyl Phthalate (DBP)	0.1% (1000ppm)
Benzyl Butyl Phthalate (BBP)	0.1% (1000ppm)
Diisobutyl Phthalate (DIBP)	0.1% (1000ppm)

The limits were quoted from Annex II of 2011/65/EU and Amendment (EU) 2015/863 for homogeneous material.



Test Conducted :

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>	<u>Limit (%)</u>
	<u>Transparent plastic tube</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)

3. Specific Migration Of Bisphenol A (BPA) Test For Plastic Food Contacting Materials/Articles

As per applicant's request with reference to Commission Regulation (EU) No. 10/2011 and its Amendments, the migration test was conducted once.

I. Test Condition:
 40°C for 24 Hours

II. Test Result

<u>Food Simulant</u>	<u>Result (mg/kg)</u>	<u>Limit (mg/kg)</u>
	<u>Transparent plastic tube (#)</u>	
3% (w/v) Acetic Acid	ND	0.05

Remarks: ND = Not Detected
 Detection limit = 0.05 mg/kg
 Solvents & test condition were selected based on applicant's request.
 # = The result was expressed in mg/kg applying a surface to volume ratio of 6 dm² per kg, which was quoted for samples that are sheet, film or other material or articles which cannot be filled or for which it is impracticable to estimate the relationship between the surface area of such material or article and the quantity of food in contact therewith.





End of Report

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