

## Test Report

No.: CANHL24016903801

Date: Aug 09, 2024

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Client Name: Maymom LLC

Client Address: 20-7 Aly 19 LN 333, Zhongcheng Rd Zhunan Township, Miaoli County, Taiwan

Sample Description: Breast Pump Flange

Buyer: Amazon, US, UK, China, Canada, EU

Manufacturer: Maymom LLC

Client Ref. Information: Material: PP; Model: MP012-F32 Batch: R20240516-2; A012-B, A012-F17, A012-F19, A012-F22, A012-F25, A012-F28, A012-F31, L012W-B, M012-B, M012-F15, M012-F17, M012-F26, M012-F29, M012-F34, M012-F36, M012-LF, M012-tB, M012-xLF, M112-B, M117-rR, MJ012-F, MJ012L-F19, MJ012L-sF, MJ012-mF, MP012C-F10, MP012C-F11, MP012C-F12, MP012C-F13, MP012C-F14, MP012C-F16, MP012C-F18, MP012C-F20, MP012C-F22, MP012C-F24, MP012-F13, MP012-F14, MP012-F15, MP012-F16, MP012-F17, MP012-F23, MP012-F24, MP012-F27, MP012-F28, MP012-F30, MP012-F32, MP012-F34, MP012-F36, MP016-C.t, MPS012-F19, MPS012-F21, PP216-Dc.A, S012W.2G-B, S012W-B, S012W-F15, S012W-F17, S012W-F19, S012W-F21, S012W-F24, S012W-F25, S012W-F27, S012W-F28, S012W-F30, S012W-F32, X005-B, X025-B, X029.3G-Mba, X029W.2G-Mba, X029W-Mba, X125-B, X225-Cup, X317-rR, XP024.2G-Bfp, XP024-LBfp, XP024-mBfp, XP024-sBfp, XP124-Bfp, XP316-hDc.LS, L317-Rr, M117-rR.b, MP016-C.b, MP017.2G-R, PP016-Th.b, PP116-Th61.b, PP116-wC.b, PP216-Th71.b, X117.2G-Rr.b, XP224-Bfp, M217-rR, MP016-C.m, PP116-Th61.m, PP116-wC.m, PP216-Th71.m, XP124-sBfp.m, XPH024.2G-Bfp.m, MP016-C.y, PP116-Th61.y, MP016-C.p, LP316-Th62.p, M004.o, XP216-wSd, MP012F-F15, MP012F-F17, MP012F-F19, MP012F-F21, MP012F-F22, MP012F-F24, MP012FP-F12, MP012FP-F13, MP012FP-F14, MP012FP-F15, MP012FP-F16, MP012FP-F17, MPH012FP-F17, MP012FP-F18, MP012FP-F19, MP012FP-F21, MP012FP-F22, MP012FP-F23, MP012FP-F24, MP012FP-F25

The above sample(s) and information were provided by the client.

SGS No.: XMHL2408005466CW

Sample Receiving Date: Aug 01, 2024

Testing Period: Aug 01, 2024 ~ Aug 09, 2024

Test Requested: Select test(s) as requested by the client.

Signed for and on behalf of  
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

**Lizhe Zhai**

Lizhe Zhai  
Approved Signatory

Scan to see the report



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Testing Performed: Follow selected test(s) as requested by client.

	Test Requirement	Conclusion
1	Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, (EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation - Overall Migration	Pass
2	Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, (EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation - Specific migration of heavy metals	Pass
3	Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 - Sensorial examination odour and taste test	Pass

## Test Result(s):

### Test Part Description

SN ID	Sample No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	A1	CAN24-0169038-0001.C001	Trabsparent plastic part	PP

### Remarks:

- (1) mg/dm<sup>2</sup> = milligram per square decimeter  
mg/inch<sup>2</sup> = milligram per square inches  
g/cm<sup>2</sup> = microgram per square centimeter  
mg/L = milligram per litre  
mg/kg = milligram per kilogram
- (2) = degree Celsius  
degree Fahrenheit
- (3) <= less than
- (4) RL = Reporting Limit
- (5) ND = Not Detected (< RL).

### The ratio of surface area to volume

SGS Sample ID	Overall Migration	Specific Migration
CAN24-0169038-0001.C001	6.0 dm <sup>2</sup> /kg	6.0 dm <sup>2</sup> /kg

### Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, (EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation - Overall Migration

**Test Method:** With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN 1186-1:2002 for selection of test methods; EN 1186-3:2022 Test methods for overall migration in evaporable simulants.

	Test Condition
	50% Ethanol(V/V)
A1	70 , 2 hrs



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Simulant used	Limit	Unit(s)	RL	A1 (1 <sup>st</sup> Migration)	A1 (2 <sup>nd</sup> Migration)	A1 (3 <sup>rd</sup> Migration)	Stability	Comment
50% Ethanol(V/V)	-	mg/kg	20	ND	ND	ND	Compliant	Pass

**Notes:**

- (1) Analytical tolerance of evaporable simulants is 2 mg/dm<sup>2</sup> or 12 mg/kg, analytical tolerance of olive oil simulant is 3 mg/dm<sup>2</sup> or 20 mg/kg.
- (2) Test condition & simulant were specified by client.
- (3) A material or article with overall migration result that exceeds the overall migration limit by an amount not exceeding the analytical tolerance, shall be deemed to be in compliance with the overall migration limit.
- (4) For repeated use, compliance of the material or article is verified on the basis of the level of the migration found in the third test and on the basis of the stability of the material or article from the first to the third migration test.

**Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, (EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation - Specific migration of heavy metals**

**Test Method:** With reference to EN 13130-1:2004, analysis was performed by ICP-OES/ICP-MS.

Simulant	Test Condition
	A1
50% Ethanol(V/V)	40 , 2 hrs

Test Item(s)	Unit(s)	RL	A1		
<b>50% Ethanol(V/V)</b>					
Migration times			First	Second	Third
Arsenic(As)	mg/kg	0.01	ND	ND	ND
Cadmium(Cd)	mg/kg	0.002	ND	ND	ND
Chromium(Cr)	mg/kg	0.01	ND	ND	ND
Mercury(Hg)	mg/kg	0.01	ND	ND	ND
Lead(Pb)	mg/kg	0.01	ND	ND	ND
Aluminium(Al)	mg/kg	0.1	ND	ND	ND
Barium(Ba)	mg/kg	0.25	ND	ND	ND
Cobalt(Co)	mg/kg	0.01	ND	ND	ND
Copper(Cu)	mg/kg	0.25	ND	ND	ND
Iron(Fe)	mg/kg	5	ND	ND	ND
Lithium(Li)	mg/kg	0.1	ND	ND	ND
Manganese(Mn)	mg/kg	0.1	ND	ND	ND
Zinc(Zn)	mg/kg	0.5	ND	ND	ND
Nickel (Ni)	mg/kg	0.01	ND	ND	ND
Antimony(Sb)	mg/kg	0.01	ND	ND	ND
Europium(Eu)	mg/kg	0.025	ND	ND	ND
Gadolinium(Gd)	mg/kg	0.025	ND	ND	ND
Lanthanum(La)	mg/kg	0.025	ND	ND	ND
Terbium(Tb)	mg/kg	0.025	ND	ND	ND



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Test Item(s)	Unit(s)	RL	A1		
Europium (Eu)+ Gadolinium(Gd)+ Lanthanum(La)+ Terbium(Tb)	mg/kg	-	ND	ND	ND
Stability	-	-	Compliant		

**Notes:**

- (1) Test condition & simulant were specified by client.
- (2) For repeated use, compliance of the material or article is verified on the basis of the level of the migration found in the third test and on the basis of the stability of the material or article from the first to the third

test result if it is detected.

**Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 - Sensorial examination odour and taste test**

**Test Method:** With reference to DIN 10955: 2024.  
No. of panelist: 6

Test Media	Test Condition
	A1
Distilled water	40 , 2 hrs

Test Item(s)	Limit	Unit(s)	A1
Area/Volume	-	dm <sup>2</sup> /kg	10.0
Sensorial examination odour	2.5	-	0
Sensorial examination taste	2.5	-	0
<b>Comment</b>			<b>Pass</b>

**Notes:**

Intensity scale (rounded at 0.5):

- 0 no perceptible difference
- 1 just perceptible difference
- 2 slight difference
- 3 marked difference
- 4 strong difference

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### Sample Photo:



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\*\*\* End of Report \*\*\*



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