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TEST REPORT

No. **8621.SHJ1.2208.0178.2** Date: **09.20, 2022** Page: **1 / 4**

Applicant : MIRAGE PACKING INDUSTRIES LLC
 Address : 8118 interchange parkway San Antonio tx 78218

Below information submitted by the applicant:

Product Name : PET PREFORM
 Model : Preform-M110-730G
 Reference info. : Main material: PET
 Manufacturer info. : /
 Supplier info. : /
 Buyer info. : /
 Country of Destination : USA
 Country of Origin : China

Sample Received : 08.30, 2022
 Test Period : 08.30, 2022 - 09.05, 2022
 Test Requirement : Refer to next pages
 Test Method : Refer to next pages
 Test Result : Refer to next pages
 Test Conclusion : Refer to next pages



Signed for and on behalf of
 Jordan Wang, General Manager
 BU Chemical Compliance
 TUV THÜRINGEN (SHANGHAI) CO., LTD.
 Location: Shanghai

TÜV THÜRINGEN CHINA

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http://tuv-thuringen.com.cn/news/12_138

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TUV THURINGEN (SHANGHAI) CO., LTD.

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 ROOM C6, FLOOR 16TH JIANGSU BUILDING, NO.526 LAOSHAN ROAD, SHANGHAI 200122,
 P.R.CHINA



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RESULT SUMMARY

As the client required, test items as below :

Test Items	Conclusion
1. US FDA 21 CFR 177.1630 (i): Polyethylene phthalate polymers. - Chloroform-soluble extractives in DI-water, n-heptane, 50% Ethanol	PASS
2. Bisphenol A content	DATA

SAMPLE DESCRIPTION

Sample Description : 1# Transparent Blue PET Bottle

TEST RESULT(S)

1, 21CFR 177.1630 for Polyethylene phthalate polymers.

1.1, Chloroform-soluble extractives

Test Method: with reference to 21CFR 177.1630 (i)

Test Items	Test Results	Permissible Limit
	1#	
Test Media	Distilled Water	---
Condition	150°F, for 2hours	---
Chloroform-soluble extractives, mg/inch ²	<0.1	0.2, max
Conclusion	PASS	---

Test Items	Test Results	Permissible Limit
	1#	
Test Media	n-Heptane	---
Condition	120°F, for 2hours	---
Chloroform-soluble extractives, mg/inch ²	<0.1	0.2, max
Conclusion	PASS	---

Test Items	Test Results	Permissible Limit
	1#	
Test Media	50% Ethanol Alcohol	---
Condition	120°F, for 24hours	---
Chloroform-soluble extractives, mg/inch ²	<0.1	0.2, max
Conclusion	PASS	---



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2. Bisphenol A content

Test Method: organic solvent extracted with reference to EPA 3540C, analyzed by HPLC-FLD/ LC-MSMS

Test Items	Units	MDL	Test Results	Permissible Limit
			1#	
Bisphenol A content	mg/kg	0.05	n.d.	0.05, max

Note:

- 1, %, percentage; mg, milligrams; g, grams; kg, kilograms
- 2, mg/kg = milligrams per kilograms
- 3, mg/L = milligrams per litre
- 4, 0.1% = 1000mg/kg = 1000mg/L
- 5, < = less than
- 6, > = greater than
- 7, MDL = method detection limit
- 8, N.D. = not detected, < MDL
- 9, N.A. = not applicable
- 10, N.R. = not required
- 11, EX = abbr. of Exempted

***** To be continued *****



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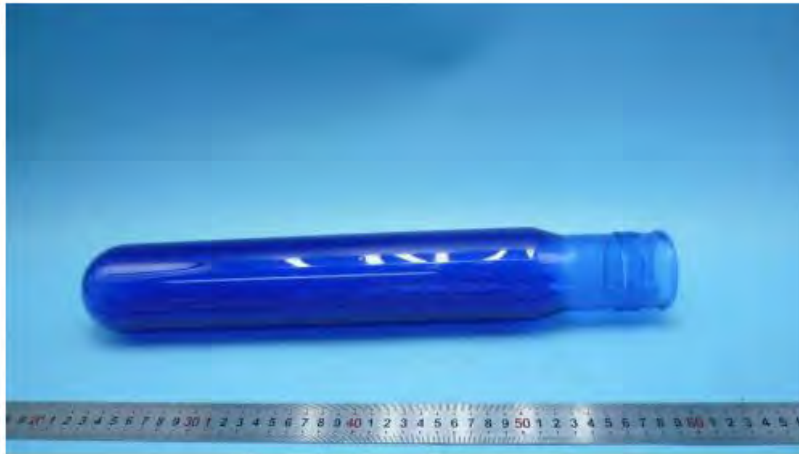
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SAMPLE IMAGE



Tested specimen

***** END OF REPORT *****



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