



FDA Test Report

Applicant: Shenzhen Landun Environmental Technology Co., Ltd.
Address: A3-402, Yingzhan Science Park, No.8 Tongfuyu Road, Long tian Street, Pingshan District, Shenzhen, China
Manufacturer: Shenzhen Landun Environmental Technology Co., Ltd.
Address: A3-402, Yingzhan Science Park, No.8 Tongfuyu Road, Long tian Street, Pingshan District, Shenzhen, China
Product Name: 3.8L Alkaline water filter pitcher
Brand Name: N/A
Model Number: L-PF601
Series Model No: N/A
Date of Receipt: Sep. 20, 2024
Date of Test: Sep. 20, 2024~ Oct. 08, 2024
Date of Report: Oct. 09, 2024
Test Method: Please refer to next page.
Test Result: Please refer to next page.

Test Requested

- 1.FDA CFR 21 180.22&181.32-Acrylonitrile monomer extraction
- 2.FDA CFR 21 177.1040-Acrylonitrile monomer residue
- 3.FDA CFR 21 177.1040-Total extractive residues

Conclusion

- Pass
- Pass
- Pass
- Pass
- Pass
- Pass

Prepared (Engineer): Slien Wang

Reviewer (Supervisor): Xiaoshan Ni



This test report is based on a single evaluation of one sample of above mentioned products. It is not permitted to be duplicated in extracts without written approval of Shenzhen DL Testing Technology Co., Ltd.



Version

Version No.	Date	Description
00	Oct. 09, 2024	Original

Test Part Description:

Specimen No.	Description	Material (claimed by the client)
01	Dark blue plastic (cap)	ABS
02	Blue translucent plastic (pot)	AS
03	White plastic (filter)	PP
04	Blue transparent plastic (pot)	ABS

Test Results:

1.Acrylonitrile monomer extraction

Test Method :With reference to US FDA CFR 21 180.22&181.32

Simulant Used	Time	Temperature	Limit	01	Comment
Distilled Water	24.0hr(s)	120°F	<0.003mg/inch ²	<0.001mg/inch ²	PASS
3% acetic acid	24.0hr(s)	120°F	<0.003mg/inch ²	<0.001mg/inch ²	PASS
8% Ethanol	24.0hr(s)	120°F	<0.003mg/inch ²	<0.001mg/inch ²	PASS
50% Ethanol	24.0hr(s)	120°F	<0.003mg/inch ²	<0.001mg/inch ²	PASS
n-Heptane	0.5hr(s)	70°F	<0.003mg/inch ²	<0.001mg/inch ²	PASS

Simulant Used	Time	Temperature	Limit	03	Comment
Distilled Water	24.0hr(s)	120°F	<0.003mg/inch ²	<0.001mg/inch ²	PASS
3% acetic acid	24.0hr(s)	120°F	<0.003mg/inch ²	<0.001mg/inch ²	PASS
8% Ethanol	24.0hr(s)	120°F	<0.003mg/inch ²	<0.001mg/inch ²	PASS
50% Ethanol	24.0hr(s)	120°F	<0.003mg/inch ²	<0.001mg/inch ²	PASS
n-Heptane	0.5hr(s)	70°F	<0.003mg/inch ²	<0.001mg/inch ²	PASS

Simulant Used	Time	Temperature	Limit	04	Comment
Distilled Water	24.0hr(s)	120°F	<0.003mg/inch ²	<0.001mg/inch ²	PASS



3% acetic acid	24.0hr(s)	120°F	<0.003mg/inch ²	<0.001mg/inch ²	PASS
8% Ethanol	24.0hr(s)	120°F	<0.003mg/inch ²	<0.001mg/inch ²	PASS
50% Ethanol	24.0hr(s)	120°F	<0.003mg/inch ²	<0.001mg/inch ²	PASS
n-Heptane	0.5hr(s)	70°F	<0.003mg/inch ²	<0.001mg/inch ²	PASS

Note:

- (1) mg/in² = milligram per square inch;
(2) N.D.= not detected (less than limit).

2.Acrylonitrile monomer residue**Test Method :With reference to US FDA CFR 21 177.1040.**

Simulant Used	Time	Temperature	Limit	02			Comment
				1st	2nd	3rd	
Distilled Water	24.0hr(s)	120°F	50 mg/kg	N.D.	N.D.	N.D.	PASS
n-Heptane	0.5hr(s)	70°F	50 mg/kg	N.D.	N.D.	N.D.	PASS

Note:

- (1) mg/kg = milligram per kilogram of foodstuff in contact with;
(2) N.D.= not detected (less than limit).

3.Total extractive residues**Test Method :With reference to US FDA CFR 21 177.1040.**

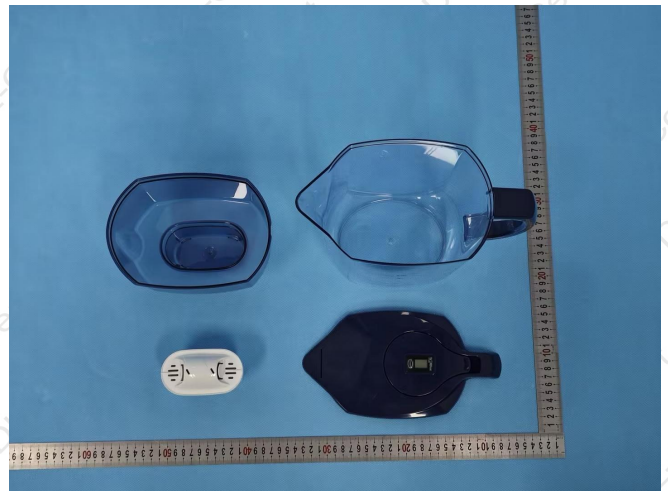
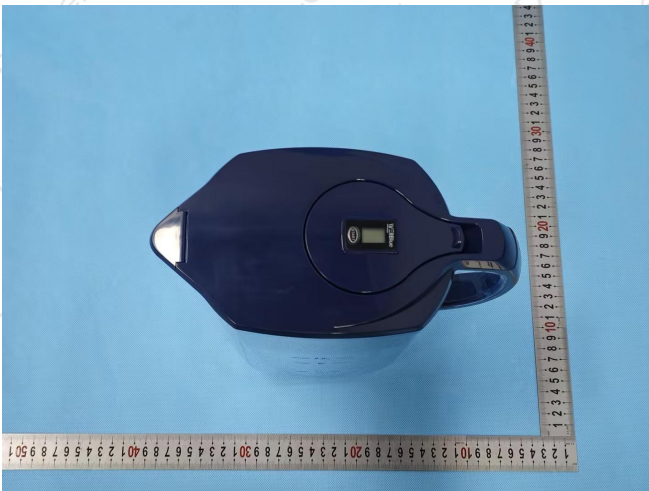
Simulant Used	Time	Temperature	Limit	02			Comment
				1st	2nd	3rd	
Distilled Water	240.0hr(s)	66°F	<0.001mg/in ²	N.D.	N.D.	N.D.	PASS
3% acetic acid	240.0hr(s)	66°F	<0.001mg/in ²	N.D.	N.D.	N.D.	PASS

Note:

- (1) mg/in² = milligram per square inch;
(2) N.D.= not detected (less than limit).



Photograph of Sample



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