

TEST REPORT

Applicant : Xiamen Pureflow Intelligent Technology Co., Ltd.
Address : 5th floor, No. 15-3, Houxiang South Road, Haicang District, Xiamen City, Fujian Province, China

Report on the submitted sample said to be

Sample name : Hydrogen Water Bottle
H88, H60, H20, H267C, HT2, H223, H225, H226, H266C, H266D, U11, U10,
Model : U9, U8, U6, FQ-06A, FQ-07A, FQ-06B, Q16, Q-201S, Q-202S, Q-203S, V12,
W10-2, H88A, H88C, FQB-W6B
Manufacturer : Xiamen Pureflow Intelligent Technology Co., Ltd.
Address : 5th floor, No. 15-3, Houxiang South Road, Haicang District, Xiamen City, Fujian Province, China
Sample received date : Oct. 29, 2025
Testing period : Oct. 29, 2025 – Nov. 05, 2025
Test Result(s) : Please refer to the next pages

Signed For And On Behalf Of

Shenzhen ZTS Testing Service Co., Ltd



Hailiang Mo
Lab Manager : **Hailiang Mo**

Nov. 05, 2025

Date of issue



Test Result:

Test Sample	Test Requested:	Conclusion
001	U.S. F.D.A. Regulation 21 CFR Part 177.1580 Clause (c)(2) on polycarbonate resins	Pass
	Bisphenol A(BPA) Content	
002	As requested by client, according to the FDA 21 CFR 175.300, to determine the total extractives on the submitted sample - Chloroform-soluble extractives in Distilled water - Chloroform-soluble extractives in 8% Alcohol - Chloroform-soluble extractives in n-Heptane	Pass

Sample Description

No.	Sample	Description
001	Cup body	Tritan material
002	Cup base	Aluminum material

1.1 Test for F.D.A. Regulation on Polycarbonate Resins

Test method : As per the U.S. Food and Drug Administration 21 CFR Part 177.1580 Clause (c)(2).

Extractives	Unit	RL	Result	Limit
			001	
Total extractable fraction in D.I. water	%	0.1	N.D.	0.15
Total extractable fraction in n-heptane	%	0.1	N.D.	0.15
Total extractable fraction in 50% ethanol	%	0.1	N.D.	0.15
Comment	/	/	Pass	/

Note:

1. N.D. = Not Detected
2. RL=Reporting limit

1.2 Bisphenol A (BPA) Content

Test Method: With reference to CEN/TS 13130-13:2005, analyzed by Liquid Chromatography - Mass Spectrometry(LC-MS/MS)

Test Item	Unit	Client's Limit(mg/kg)	Result (mg/kg)	Conclusion
			001	
Bisphenol A (BPA)	mg/kg	Not Detected	N.D.	Pass

Note:

1. N.D. = Not Detected, (Reporting limit=0.05mg/kg)
2. ppm=parts per million
3. mg/kg = milligram per kilogram = ppm

2. FDA 21 CFR 175.300 – Total extractive residues

Test method: With reference to US FDA 21 CFR 175.300.

Analyte	Test Condition	Result (mg/inch ²)	MDL (mg/inch ²)	Requirement (mg/inch ²)
		002		
Extractives in distilled water	120°F 24h	N.D.	1.0	18
Extractives in 8% ethanol	70°F 0.5h	N.D.	1.0	18
Extractives in n-Heptane	70°F 0.5h	N.D.	1.0	18

Note:

1. mg/inch² = milligram per square inch
2. N.D. = Not Detected.
3. MDL=Method Detection Limit

Picture of sample

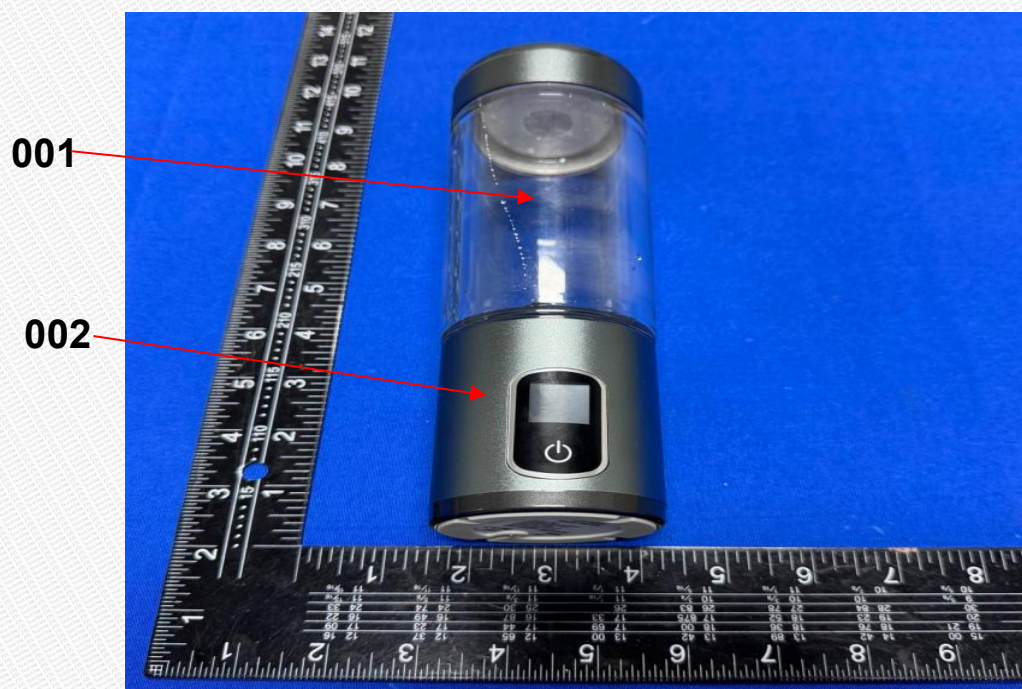


Photo 1

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