

TEST REPORT

Sample Name : Hydrogen Water bottle
Test sample : Stainless steel(304), Silica gel, ABS, Glass

Sample Received Date : 2024-05-10
Testing Completed Date : 2024-05-14

Client Unit : Guangzhou Myteck Machinery Co., Ltd
Client Address : B215, 38 Shishan Road, Zhujiang Village, Huangpu District, Guangzhou, Guangdong Province, China 510799

Client ID : CC8894

Manufacture : Same As Client

Model No. : MT -H267C, MT-H206, MT-H265, MT -H266C, MT -H266D, MT -H267, MT -H268, MT -H269, MT -H222, MT -H223A, MT -H223, MT -H225A, MT -H225, MT -H226, MT -HT2, MT -HT3, MT -HT6, MT -H106A

Sample Model : MT -H267C

Test Requested : 1. Food and Drug Administration (FDA) 21 CFR 175.300.
2. FDA food Contact Article test: in accordance with: 21 CFR 177.1210
3. Food and Drug Administration (FDA) 21 CFR 180.22 and 181.32.
4. Food and Drug Administration FDA CPG 7117.06:2005 & CPG 7117.07:2005

Test Results : PASS (please refer to next page(s)).



Report Query



Signed for
Beide (Shenzhen) Product Service Limited

Reported by :

Signature / Shen Xiao *Shen Xiao*

Checked by:

Signature / Austin Zhong *Austin Zhong*

Approved by:

Signature / Martin Wang *Martin Wang*



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Test Results: Description of Specimen: A= Stainless steel(304), B= Silica gel, C=ABS, D=Glass

1. Stainless steel intended for repeated use: reference to the Method of 21 CFR 175.300.

Test Methods: With reference to 21 CFR 175.300

Test item		Result	Unit	Limit
		A		
Total extractable fraction in DI water	120°F, 24 hours	<1	mg/in ²	18
Total extractable fraction in 8% ethanol	120°F, 24 hours	<1	mg/in ²	18
Total extractable fraction in n-heptane	70°F, 0.5 hours	<1	mg/in ²	18

Test item	Result	Limit
	A	
Total Chromium content (Cr)	18.3%	≥ 16%

Note:

1. mg/in² = Microgramme per square inch
2. °F = Fahrenheit

2. FDA food Contact Article test: in accordance with: 21 CFR 177.1210

Test Item		Result(ppm)	Limit(ppm)
		B	
Net chloroform soluble extractives for water fraction	120°F, 24 hours	<1	≤50
Net chloroform soluble extractives for 8 % alcohol fraction 8%	120°F, 24 hours	<1	≤50
Net chloroform soluble extractives for n-heptane fraction	70°F, 0.5 hours	<1	≤50

Note: ppm = parts per million

3. ABS intended for repeated use: reference to the Method of 21 CFR 180.22 and 181.32.

Extractants and Conditions	Amount of Total Extractives (mg/inch ²)	Limit (mg/inch ²)
	C	
Distilled water at 120°F for 24 h	N.D.	<0.003
8% Alcohol at 120°F for 4 hours	N.D.	<0.003
3% Acetic Acid at 120°F for 4 hours	N.D.	<0.003
n-Heptane at 120°F for 4 hours	N.D.	<0.003

Note:

1. mg/inch²=milligram per square inch
2. N.D.=Not Detected(less than MDL)
3. % = percentage by weight

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4. Glass intended for repeated use: reference to the Method of FDA CPG 7117.06:2005 & CPG 7117.07: 2005

Analyte	Maximum permissible limit ($\mu\text{g}/\text{mL}$)	Result($\mu\text{g}/\text{mL}$)
		D
Extractable Lead 4% acetic acid, 22°C, 24h	2.0	<0.1
Extractable Cadmium 4% acetic acid, 22°C, 24h	0.5	<0.01

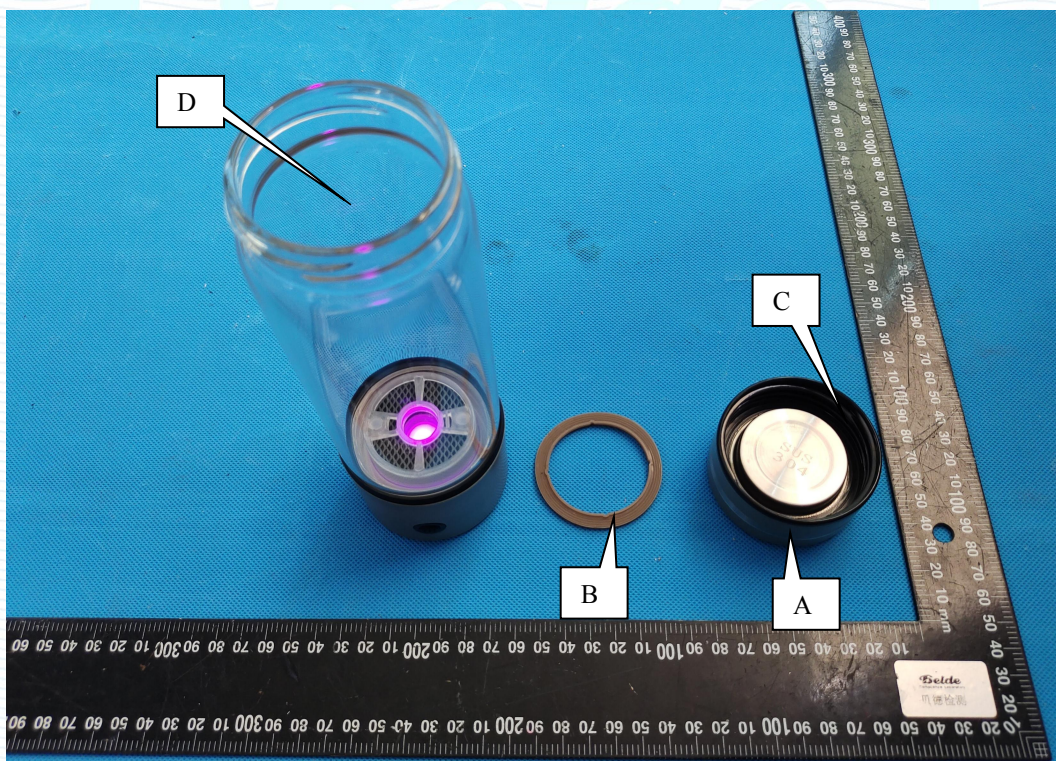
Note: 1. $\mu\text{g}/\text{mL}$ =milligram per milliliter

Remark: As specified by applicant, to test content in the selected materials of the submitted samples.
The test results are only responsible for the submitted sample.



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Photo of sample



*** End of report ***

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