



# Test Report

Report No : TST20240201345-6EN

Date: Mar.15, 2024

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**Applicant** : Hibon Group Co Limited  
**Address** : Room 519,4 building, No 728,Kai Chuang Road, Huang Pu, Guangzhou, China  
**Manufacturer** : Hibon Group Co Limited  
**Address** : Room 519,4 building, No 728,Kai Chuang Road, Huang Pu, Guangzhou, China

**The following sample(s) was /were submitted and identified on behalf of the clients as :**

**Sample Name** : Water purify bottle  
**Sample Model** : ECHO GO+  
**Sample Received Date** : Feb.28, 2024  
**Testing Period** : Feb.28, 2024 To Mar.15, 2024

**Test Requested** : As specified by client, for compliance with Food and Drug Administration.

**Test Method** : Please refer to next page(s).

**Test Result** : Please refer to next page(s).

Signed for and on behalf of

*Andy*

Andy Zheng  
Technical Director



This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of Dongguan True Safety Testing Co., Ltd., this test report shall not be copied except in full and published as advertisement. TST is not responsible for the authenticity of the information provided by the customer, including sample information.

Dongguan True Safety Testing Co., Ltd.

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## Sample Description:

No.	Material	Name
1	Tritan	Bottle lid
2	Tritan	Bottle body
3	Silicone	Sealing ring

## Test Result(No.1):

Test Method: As specified in US FDA 21 CFR 177.1580

Simulant Used	Test Condition	Result Total Migration(%)	Maximum Permissible Limit(%)
Distilled water	At reflux temperature for 6 hours	<0.05	0.15
50% ethyl alcohol	At reflux temperature for 6 hours	<0.05	0.15
n- heptane	At reflux temperature for 6 hours	0.1	0.15

Note: %= percent by weight

## Test Result(No.2):

Test Method: As specified in US FDA 21 CFR 177.1580

Simulant Used	Test Condition	Result Total Migration(%)	Maximum Permissible Limit(%)
Distilled water	At reflux temperature for 6 hours	<0.05	0.15
50% ethyl alcohol	At reflux temperature for 6 hours	<0.05	0.15
n- heptane	At reflux temperature for 6 hours	0.05	0.15

Note: %= percent by weight

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**Test Result(No.3):**

**Test Method: As specified in US FDA CFR 177.1210**

Simulant Used	Test Condition	Result(mg/in <sup>2</sup> )	Limit (mg/in <sup>2</sup> )
Chloroform-soluble extractives -deionized water	Boiling and cooling to 37.8°C	<5	50
Chloroform-soluble extractives-Heptane	48.9°C,15min	<5	50
Chloroform-soluble extractives-8% Ethanol	65.6°C, 2h	<5	50

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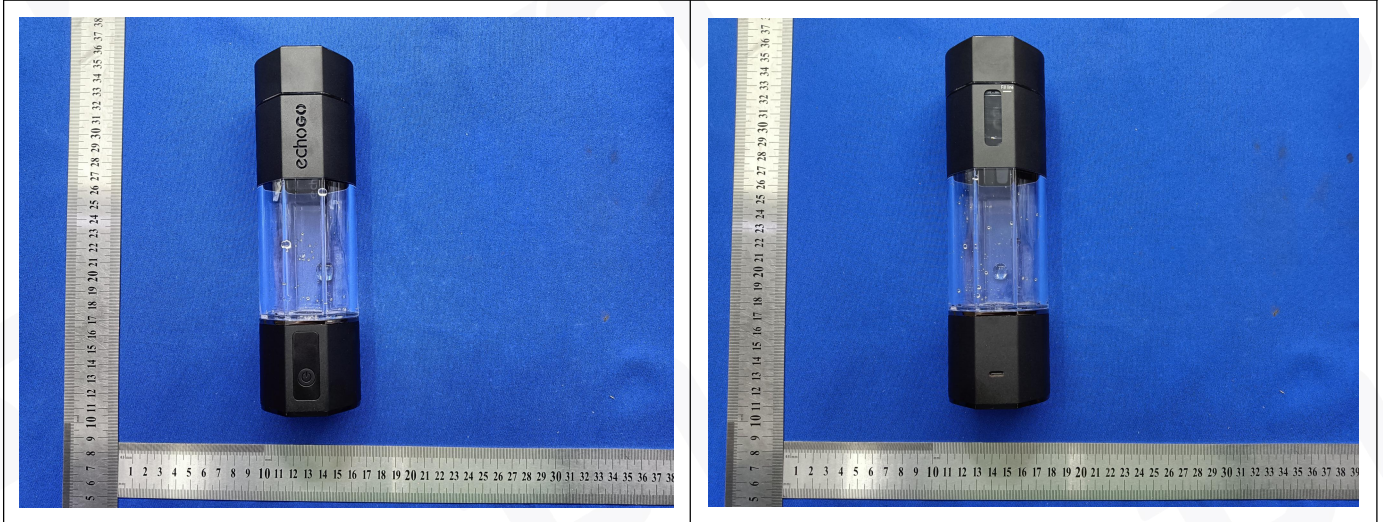
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## Sample pictures:



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

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