

<b>REPORT No.</b>	: (3324)298-0004-1E Revision1
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Applicant: Zhuhai Invitop Technology Co., Ltd. Address: 4th Block, No.625 Xinshawu Road, Tangjiawan Town, High-Tech District, Zhuhai City, Guangdong, China

The following test sample information is provided and confirmed by the client:

*Sample Name:	Frozen Drink Maker	
Model	R1-RXR02(W)-N7-3-Xy	
	R2-RXR02(W)-N7-3-Xy	
	R3-RXR02(W)-N7-3-Xy	
	R4-RXR2500(W)-N7-3-Xy	
	R5-RXR2500(W)-N7-3-Xy	
	R6-RXR2500(W)-N7-3-Xy	
	R7-RXR3000(W)-N7-3-Xy	
	R8-RXR3000(W)-N7-3-Xy	
	R9-RXR3000(W)-N7-3-Xy	
	Note: (X can represent numbers 0-9)	(y can represent numbers 0-9)
Date of sample(s) received:	Oct.22,2024	
Date of Test Period:	Oct.22,2024 ~ Nov.07,2024	
*Date of Report:	Dec.20,2024	

### **TEST REQUESTED:**

# CONCLUSION

#### 1. US FDA 21 CFR 181.32 Acrylonitrile copolymers and resins & 21 CFR 180.22 Acrylonitrile

1.1. Acrylonitrile monomer	PASS
2. US FDA 21 CFR 177.1210 Closures with sealing gaskets for food containers.	
2.1. Chloroform extractable extractives	PASS
3. FDA GRAS	
3.1. Total Chromium(Cr)	PASS
4. US FDA 21 CFR 177.2480 Polyoxymethylene homopolymer.	
4.1. Density	PASS
4.2. Melting point(MP)	PASS
4.3. Chloroform extractable extractives	PASS
<u>Remark(s):</u>	
1. The result only relates to the items tested.	

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Floor 1, 2, 3 and 8, North Building of Inspection and Testing Building, Wangsixi Street No 787, Fengdong NewTown, Xi'an, Shaanxi Province Tel:029-65630653 Web:cps.bureauveritas.com This report is governed by, and incorporates by reference, the Conditions of Testing as posted at the date of issuance of this report at <a href="http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/terms-conditions/">http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/terms-conditions/</a> and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This reports forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. Statements of conformity are based on simple acceptance criteria without taking measurement uncertainty into account, unless otherwise requested in writing. You have 60 days from date of issuance of this report to notify us of any material error or movided by our requirement uncertainty into account, unless otherwise requested in writing. You have 60 days from date of issuance of this report to notify us of any material error or movided by our requirement uncertainty not account to notify us of the up requirement uncertainty into account. any material error or omission caused by our negligence or if you require measurement uncertainty; provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents. The relevant projects have not been qualified and are only used for scientific research, teaching or internal quality control.



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#### Note(s):

1.Testing is completed by an external laborator

2. This report replaces the original report of No. (3324)298-0004-1E Revision, and the original report of No.

(3324)298-0004-1E Revision Revision was invalid.

3.\* indicates that this information has been modified.

Approved By:



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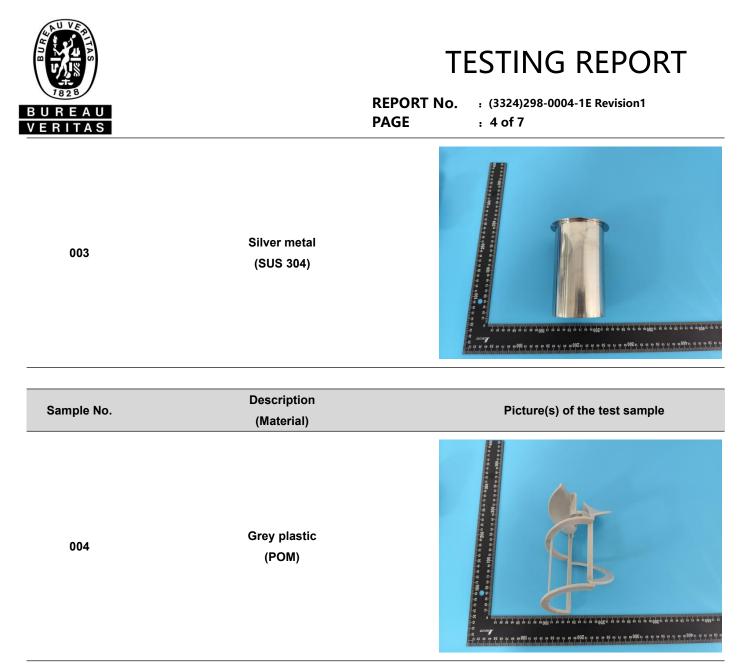
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SAMPLE DESCRIPTION: Description Sample No. Picture(s) of the test sample (Material) **Transparent plastic** 001 (ABS) 42 40 00 00Z 40 **Black plastic** 002 (Silicone) as na 002 (r os as na 95 as es en av 006 as as as as de as es as es as es as as 004 ar as as 

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Remark(s):

1. The sample material type is provided and confirmed by the client.

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#### TEST RESULT(s):

#### 1. US FDA 21 CFR 181.32 Acrylonitrile copolymers and resins & 21 CFR 180.22 Acrylonitrile copolymers.

1.1. Acrylonitrile monomer[US FDA 21 CFR 181.32 & 180.22]

Test Method: with reference to FDA 21 CFR 180.22 & 181.32.

Test Item(s)	RL (mg/inch²)	Test result(s) (mg/inch²) 001	Limit (mg/inch²)	Conclusion(
Acrylonitrile monomer (Distilled Water, 120°F, 24h)	0.001	< 0.001	0.003	PASS
Acrylonitrile monomer (3% acetic, 120°F, 24h)	0.001	< 0.001	0.003	PASS
Acrylonitrile monomer (8% Ethanol, 120°F, 24h)	0.001	< 0.001	0.003	PASS

#### Remark(s):

1. "<"=Below; RL=Report limit; F=Fahrenheit degree.

2. The test results only apply to the items tested.

3. The extraction conditions and the limit requirement was specified by the client.

4. The ratio of sample migration experimental area to migration solution volume (mass): S/V=6 dm<sup>2</sup>/L(kg).

# 2. US FDA 21 CFR 177.1210 Closures with sealing gaskets for food containers

### 2.1. Chloroform extractable extractives[US FDA 21 CFR 177.1210]

Test Method: with reference to US FDA 21 CFR 177.1210(c)

Test Item(s)	RL (mg/kg)	Test result(s) (mg/kg)	Limit(s)	
rest ttem(s)		002	(mg/kg)	
Chloroform extractable extractives	1.0	5.5	50	
(Distilled water, 120 $^\circ\mathrm{F}$ , 24h)	1.0	5.5	50	
Chloroform extractable extractives	1.0	1.0	10	50
(8% Ethanol, 120 $^\circ \! \mathrm{F}$ , 24h)	1.0	4.0	50	
Conclusion(s)	_	PASS		

#### Remark(s):

1. "<"=Below; RL=Report limit; 1ppm=1mg/kg=0.0001%; "F=Fahrenheit degree.

2. The test results only apply to the items tested.

3. The extraction conditions and the limit requirement was specified by the client.

4. The ratio of sample migration experimental area to migration solution volume (mass): S/V=6 dm<sup>2</sup>/L(kg).

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### 3. FDA GRAS

# 3.1. Total Chromium(Cr)[FDA GRAS]

Test Method: with reference to US EPA Method 3050B:1996 & EPA Method 6010D:2018, analyzed by ICP-OES.

Test Item(s)	RL Test result(s) (%)		Limit(s) (%)		
rest tiem(s)	(%)	(%) 003		Conclusion(s)	
Chromium(Cr)	0.01	17.09	≥16	PASS	

#### Remark(s):

1. "<"=Below; RL=Report limit; 1ppm=1mg/kg=0.0001%

### 4. US FDA 21 CFR 177.2480 Polyoxymethylene homopolymer

### 4.1. Density [US FDA 21 CFR 177.2480]

Test Method: With reference to ASTM D1505-18.

Test Item(s)	Test result(s)(g/cm³)	$\lim_{n \to \infty} \frac{1}{n} \left( \frac{1}{n} \right) \left( \frac{1}{n} \right) \left( \frac{1}{n} \right)$
rest tient(s)	004	Limit(s)(g/cm³)
Density	1.41	1.39-1.44
Conclusion(s)	PASS	—

# 4.2. Melting point (MP)[US FDA 21 CFR 177.2480]

Test Method: With reference to ASTM D2133-66.

Test Item(s)	Test result(s)(℃)	Limit(a)(°C)
rest tient(s)	004	Limit(s)(℃)
Melting point(MP)	179	172-184
Conclusion(s)	PASS	_

### 4.3. Chloroform extractable extractives[US FDA 21 CFR 177.2480]

Test Method: with reference to US FDA 21 CFR 177.2480(c)

Test Item(s)	RL (mg/inch²)	Test result(s) (mg/inch²) 004	Limit(s) (mg/inch²)	Conclusion(s)
Chloroform extractable extractives (Distilled water, 120°F, 2h)	0.1	< 0.1	0.5	PASS

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Chloroform extractable extractives	0.1	< 0.1	0.5	DASS
(8% ethanol, 120°F, 2h)	0.1	< 0.1	0.5	PA55

#### Remark(s):

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2. The test results only apply to the items tested.

3. The extraction conditions and the limit requirement was specified by the client.

4. The ratio of sample migration experimental area to migration solution volume (mass): S/V=6 dm<sup>2</sup>/L(kg).

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

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