

Test report

T-24089782-11-R1



Verify Report

Overall result

Pass

Please refer to the following pages for test result summary and notes.

Client information

Client: XXXXXX
Address: XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX



Sample information

Description: Vaccum Tumbler with Handle - 900ml
SKU/style #: 4179BK/4179NY/4179WH
Country of origin: China
Country of distribution: Australia, USA, New Zealand, Canada
Quantity submitted: 5 pcs + a lot parts

Labeled age grade: -
Tested age grade: -

General information

Sample receipt date: 18-Jul-2024
Testing period: 18-Jul-2024 to 26-Jul-2024

Report date: 01-Aug-2024

QIMA (Hangzhou) Testing Co., Ltd.

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Result summary

At the request of the client, the following test were conducted:

Test(s) conducted	Conclusion
Client's requirement, Bisphenol A content	Pass
FDA GRAS Specifications, Total Chromium in Stainless Steel Food Containers	Pass
FDA 21 CFR 177.1210, Closures with Sealing Gaskets	Pass
FDA 21 CFR 177.1520, Polypropylene Homopolymers	Pass



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Detailed results

Client's requirement, Bisphenol A content

Test Method: In-House Method
Analytical Method: Liquid Chromatography-Mass Spectrometer Mass Spectrometer (LC-MS/MS)

Specimen No.		1	2	3	5	Client's limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Bisphenol A (BPA)	80-05-7	ND	ND	ND	ND	Not Detected
Conclusion		Pass	Pass	Pass	Pass	

Note:

mg/kg=milligram per kilogram

ND=Not Detected (Reporting limit = 0.1mg/kg)





Detailed results

FDA GRAS Specifications, Total Chromium in Stainless Steel Food Containers

Test Method: SN/T 2718-2010
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	4	---	---	---	---	Limit (% m/m)
Test Item	Result (% m/m)	Result (% m/m)	Result (% m/m)	Result (% m/m)	Result (% m/m)	
Total Chromium (Cr)	18.39	---	---	---	---	GT 16
Conclusion	Pass	---	---	---	---	

Note:

% m/m = Percent by mass

GT = Greater than

Remark:

The limit is quoted from NSF/ANSI 51 - 2023 Section 4.2.1.2.





Detailed results

FDA 21 CFR 177.1210, Closures with Sealing Gaskets

Test Method: FDA 21 CFR 177.1210

Specimen No.			3	RL	Limit
Test Item	Test Condition		Result		
	Temp.	Duration			
Distilled water extractive (mg/kg)	Fill boiling	Cooling to 100°F	ND	10	50
n-Heptane extractive (mg/kg)	120°F	0.25 hours	ND	10	50
Conclusion			Pass		

Note:

Temp. = Temperature

°F = Degree Fahrenheit

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected. Result value is less than reporting limit (RL).

Remark:

The specification is quoted from 21 CFR 177.1210 Table 2 Section 3.





Detailed results

FDA 21 CFR 177.1520, Polypropylene Homopolymers

Test Method: FDA 21 CFR 177.1520

Specimen No.			1	RL	Limit
Test Item	Test Condition		Result		
	Temp.	Duration			
Density (g/cc)	NA	NA	0.889	NA	0.880 – 0.913
Melting point (°C)	NA	NA	155	NA	150 – 180
n-Hexane extractive (% w/w)	Reflux	2 hours	0.4	0.1	6.4
Xylene extractive (% w/w)	Reflux	2 hours	1.2	0.5	9.8
Conclusion			Pass		

Note:

Temp. = Temperature

°C = Degree Celsius

g/cc = Grams per cubic centimeter

% w/w = Percent by weight

NA = Not applicable

LT = Less than

ND = Not detected. Result value is less than reporting limit (RL).

Remark:

The specification is quoted from 21 CFR 177.1520 (c) 1.1.



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Specimen description

Specimen #	Specimen description	Location
1	White plastic	Lid
2	White soft plastic	Middle of turn lid
3	Black soft plastic	Sealing ring
4	Silvery metal	Interior
5	White coating	Main body



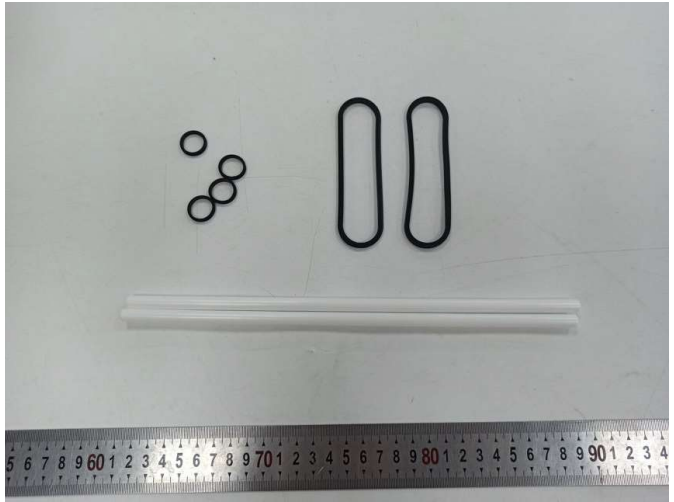
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Pictures

Sample photo:



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Pictures

Product reference photo:



The photo was provided by the client.

End of the report

The test result(s) and conclusion(s) in this report relate only to the sample(s) as received and the method /regulation section(s) tested as described herein. If it is not further specified in the report, the decision rule for stating conformity is based on the QIMA decision rule. (<https://www.qima.com/conditions-of-service#decisionRule>). This test report may not be reproduced in whole or in part, without the written approval of QIMA (Hangzhou) Testing Co., Ltd.



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