

Test Report

Number: GZHH00531323

Applicant: FLASHBAY ELECTRONICS
BUILDING2, JIXUN INDUSTRIAL PARK, XINJIAO,
DONG'AO VILLAGE, SHATIAN TOWN, HUIYANG
DISTRICT, HUIZHOU CITY, GUANGDONG PROVINCE,
P.R.CHINA

Date: Apr 01, 2024

Sample Description:

Thirteen (13) pieces of submitted sample said to be :

Item Name : **Travel Cups**
Item No. : **Aroma (AM)**
Country of Origin : China
Date Sample Received : Mar 21, 2024
Testing Period : Mar 21, 2024 ~ Apr 01, 2024

Tested sample



Tests conducted:

As requested by the applicant, refer to attached page(s) for details.

To be continued



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Conclusion:

<u>Tested sample</u>	<u>Standard</u>	<u>Result</u>
Tested component(s) of submitted sample(s)	U.S. F.D.A. Regulation 21 CFR Part 177.1520 Clauses (c)(1.1a and 1.1b) on polypropylene	Pass
	FDA General Recognized As Safe (GRAS)	Pass
	U.S.21 CFR F.D.A Regulation Part 177.1210 Clause (c) on closures with sealing gaskets for food containers.	Pass

Authorized by:
For Intertek Testing Services Shenzhen Ltd.
Guangzhou Branch, Hardlines



Victor T.J. Wang
Assistant General Manager



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1 Test for F.D.A. Regulation on Polypropylene

As per the U.S. Food and Drug Administration 21 CFR Part 177.1520 Clauses (c)(1.1a and 1.1b) and (d) with modification on density and melting point.

Test item	Result	Reporting Limit	Limit
	(1)		
Density (By sink float method)	0.908	--	0.880 - 0.913
Melting point, °C (By melting point apparatus)	167	--	160 - 180 (1.1a) 150 - 180 (1.1b)
Maximum extractable fraction in n-Hexane, %	ND	1.0	6.4
Maximum soluble fraction in Xylene, %	1.4	1.0	9.8

ND = Not detected(less than reporting limit)

Tested Components: See component list in the last section of this report.

2 Total Chromium content

By acid digestion followed by Inductively Coupled Plasma Emission Spectroscopic analysis.

Element	Result (%)	Reporting limit (%)	Limit (%)
	(3)		
Chromium (Cr)	18.67	0.01	16 min

Tested Component : See component list in last section of the report.

3 Test for F.D.A. Regulation on Closure with Sealing Gaskets for Food Containers

As per the U.S.21 CFR Food and Drug Administration Part 177.1210 Clause (c).

I. Condition of use

C. Hot filled or pasteurized above 150°F (65.6°C)

II. Result

Test item	Result	Reporting limit	Limit
	(2), (4)		
Soluble chloroform fraction in water extractant , ppm	ND	10	50
Soluble chloroform fraction in heptane extractant , ppm	ND	10	50/250/500



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Remark: The limit 50ppm for preformed overall discs or annular rings of vulcanized plasticized polymers, including natural or synthetic rubber

The limit 250 ppm for preformed overall discs or annular rings of polymeric or resinous-coated paper, paperboard, plastic, or metal foil substrates and Preformed overall discs or annular rings of plasticized polymers, including unvulcanized natural or synthetic rubber

The limit 500ppm for plasticized polymers, including unvulcanized or vulcanized or otherwise cured natural and synthetic rubber formed in place as overall discs or annular rings from a hot melt, solution, plastisol, organisol, mechanical dispersion, or latex

ND=Not detected (less than reporting limit)

Tested Components: See component list in the last section of this report.

Components list:

- (1) Black PP plastic (lid).
- (2) Semi-transparent white silicone (seal ring).
- (3) Silver color 304 stainless steel (inner body).
- (4) Black unvulcanized TPR plastic (sealing stopper of lid).



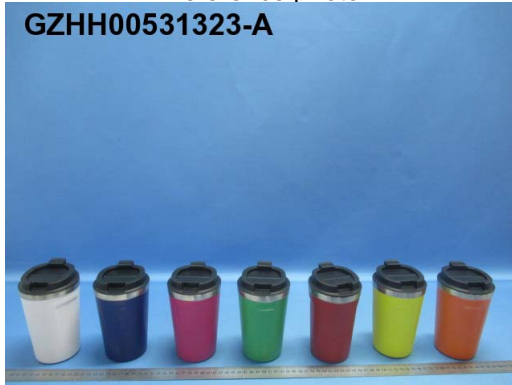
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Reference photo

GZHH00531323-A



Remark: The products in the reference photos are not tested in this report. It's declared by the applicant that the materials of those items are identical to the particular tested sample. They are just included in the report for reference.

End of report

The statements of conformity reported have considered the decision rule agreed, namely that Intertek have taken account of measurement uncertainty as calculated by Intertek, and applied according to ILAC-G8/09:2019 (Non-binary acceptance based on guard band $w = U$) except designation from the customer, regulation or test specification. This decision rule only applies to the numeric test results.

The sample(s) and sample information hereto are provided by the client who shall be solely responsible for the authenticity and integrity thereof. The results shown in this report relate only to the sample(s) tested. It is not intended to be a recommendation for any particular course of action. Intertek does not accept a duty of care or any other responsibility to any person other than the Client in respect of this report and only accepts liability to the Client insofar as is expressly contained in the terms and conditions governing Intertek's provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the Review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or wilful misconduct. This report shall not be reproduced unless with prior written approval from Intertek Testing Services Shenzhen Limited, Guangzhou Branch. The testing data and result issued by this report are just for scientific research, teaching, internal quality control, product research and development etc. on reference only in the territory of the People's Republic of China.

