

# FLASHBAY ELECTRONICS

Technical Report: Date Received: (8820)359-0080(E) Dec 24, 2020

FLASHBAY ELECTRONICS BUILDING 2,JIXUN INDUSTRIAL PARK,DONG'AO VILLAGE,SHATIAN TOWN,HUIYANG DISTRICT, HUIZHOU CITY,GUANGDONG PROVINCE,P.R.CHINA

Sample Description: Vendor: Manufacturer: Labeled Age Grade: Appropriate Age Grade: Client Specified Age Grade:	Travel Cups N/A FLASHBAY ELECTRONICS NOT RECORD NOT REQUESTED NOT SPECIFIED	Sample Size: Style No(s): SKN/SKU No.: PO No.: Ref #:	3 PCS EcoSip(EP) NOT PROVIDE NOT PROVIDE NOT PROVIDE
Tested Age Grade: UPC Code: Test Starting Date:	N/A N/A DEC 24, 2020	Country of Origin: Assortment No.: Country of Destination : Test Finished Date:	NOT PROVIDE NOT PROVIDE NOT PROVIDE APR 21, 2021

#### **EXECUTIVE SUMMARY:**

The sample(s) MEETS the following requirement(s):

- FDA / GRAS Evaluation.
- Closures with Sealing Gaskets for Food Containers U.S. FDA 21 CFR 177.1210.
- Olefin Polymers Polypropylene Homopolymer U.S. FDA 21 CFR 177.1520.



BUREAU VERITAS SHENZHEN CO., LTD DONGGUAN BRANCH

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RT/Carmen Xiong REMARK

If there are questions or concerns on this report, please contact the following persons: Report Enquiry: (86) 0769 89952999 Ext. 8175 CPSAnalytical.DG@bureauveritas.com Business Contact: (86) 0769 85893595 This report shall not be reproduced except in full, without the written approval of our laboratory.

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## Tested Component(s) Description List:

Sample ID	Component	Location(s)	Style	Client Claimed Material
1001	Black plastic	Lid	-	PP
1002	Silver metal	Body	-	SUS304
1003	Transparent soft plastic	Gasket	-	Silicone



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### **RESULTS:**

FDA / GRAS Evaluation ^^

Test Item I002: Silvery metal of Body

Result: The sample I002 was identified as AISI 304.

Conclusion: The result for this sample is considered as FDA/GRAS

Method: Sample was analyzed by Spark Spectrometer.

Arc Spectrometer Data Sheet				
AISI 304 FDA/GRAS				
ELEMENTS		RECORDED (%)		
	REQUIRED (%)	1002		
С	0.08max	0.049		
Si	1.0max	0.42		
Mn	2.0max	1.04		
Р	0.045max	0.012		
S	0.03max	<0.0020		
Cr	18.0-20.0	18.02		
Ni	8.0-10.5	8.10		
Мо	/	0.078		
Cu	/	0.077		

Remark:

"^^"The above result was performed at Bureau Veritas (Shenzhen) laboratory.



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## **RESULTS:**

#### Closures with Sealing Gaskets for Food Containers – U.S. FDA 21 CFR 177.1210

Test Method : U.S. FDA 21 CFR 177.1210

Condition of use:C) Hot filled or pasteurized above 150°FExtracting condition:Distilled Water (Fill boiling, cool to 100 °F)

Deremeter	Unit	Result	l insit	
Parameter		1003	Limit	
Net Chloroform- Soluble Extractives				
(i) Distilled Water	ppm	<10	≤ 50	
Conclusion	-	PASS	-	

Note / key:

ppm = parts per million

"<" = less than

" $\leq$ " = less than or equal to

Remark:

Maximum extractives tolerances of different types of closure-sealing gasket composition

	Maximum Extractives Tolerances (in ppm)		
Type of closure-sealing gasket composition	Chloroform fraction of water	Chloroform fraction of heptane	Chloroform fraction of alcohol
	extractives	extractives	extractives
1. 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	50	500	50
2. Performed overall discs or annular rings of plasticized polymers, including unvulcanized natural or synthetic rubber	50	250	50
3. Performed overall discs or annular rings of vulcanized plasticized polymers, including natural or synthetic rubber	50	50	50
4. Performed overall discs or annular rings of polymeric or resinous-coated paper, paperboard, plastic, or metal foil substrates	50	250	50
5.Closures with sealing gaskets or sealing compositions as described in 1,2, 3and 4, and including paper, paperboard, and glassine used for dry foods only	Not applicable	Not applicable	Not applicable



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### **RESULTS:**

### Olefin Polymers - Polypropylene Homopolymer - U.S. FDA 21 CFR 177.1520

# Test Method : U.S. FDA 21 CFR 177.1520

Parameter	Unit -	Result	Limit
		1001	Linin
Density	g/cm <sup>3</sup>	0.990	0.880-0.913
Melting Point	°C	178	160-180
Total Extractives (n-Hexane)	% w/w	1.87	≤ 6.4
Total Extractives (Xylene)	% w/w	1.54	≤ 9.8
Conclusion	-	PASS	-

Note / key:

g/cm<sup>3</sup> = gram per cubic centimetre

% w/w = percent weight by weight

"<" = less than

"≤" = less than or equal to



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**RESULTS:** 



END OF REPORT