TEST REPORT

LAB NO.	**:**	**(9323)320-0641**
DATE	**:**	**Dec 22, 2023**
PAGE	**:**	**1 OF 7**

APPLICANT	**:**	**YONGKANG BEIV HOUSEWARES CO.,LTD** ECONOMIC DEVELOPMENT ZONE, YONGKANG, JINHUA, ZHEJIANG, CHINA
CONTACT PERSON	**:**	/
DATE OF SUBMISSION	**:**	Nov 16, 2023
TEST PERIOD	**:**	Nov 16, 2023 to Nov 20, 2023
SAMPLE DESCRIPTION	**:**	STAINLESS STEEL WATER BOTTLE/TUMBLER Age: Adult
Color:		/
Style no. / Model no.:		/
P.O. No.:		/
Country of Origin:		/
Country of Destination:		/
BUYER	**:**	/
MANUFACTURER	**:**	/

SUMMARY OF TEST RESULTS

TEST REQUESTED	CONCLUSION	REMARK
Olefin Polymers - Polypropylene Copolymer - U.S. FDA 21 CFR 177.1520	PASS	
Closures with Sealing Gaskets for Food Containers - U.S. FDA 21 CFR 177.1210	PASS	
FDA / GRAS Evaluation	PASS	

RW

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SAMPLE DESCRIPTION ASSIGNED BY LABORATORY

ITEM	ITEM DESCRIPTION
1	White silicone (seal ring)
2	Black plastic (cover)(PP)
3	Silvery metal (bottle)(SUS)

BUREAU VERITAS CONSUMER PRODUCTS SERVICES (GUANGZHOU) CO., LTD

KENNY WANG
OPERATION MANAGER

REMARK

If there are questions or concerns on this report, please contact the following persons:

a) GENERAL TEL: (86)755 83437287
FAX: (86)755 83439100
b) BUSINESS SZ TEL: (86)755 21534695
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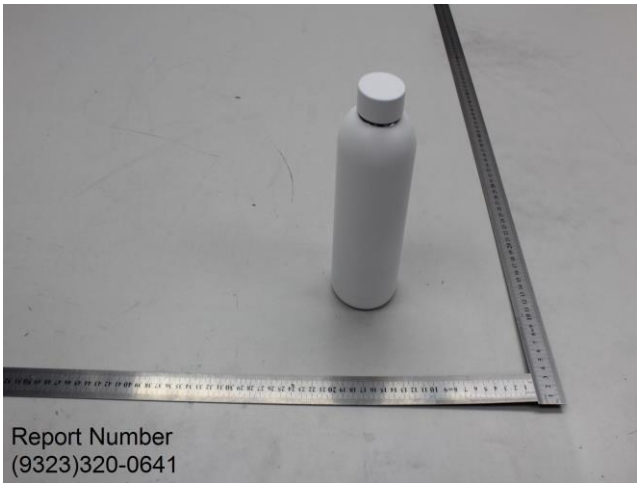
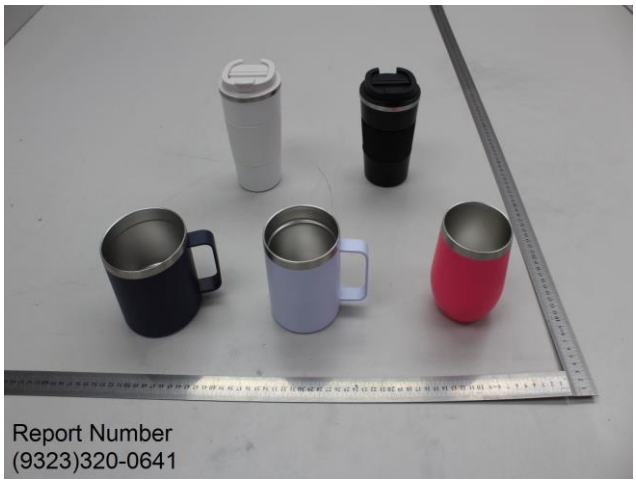
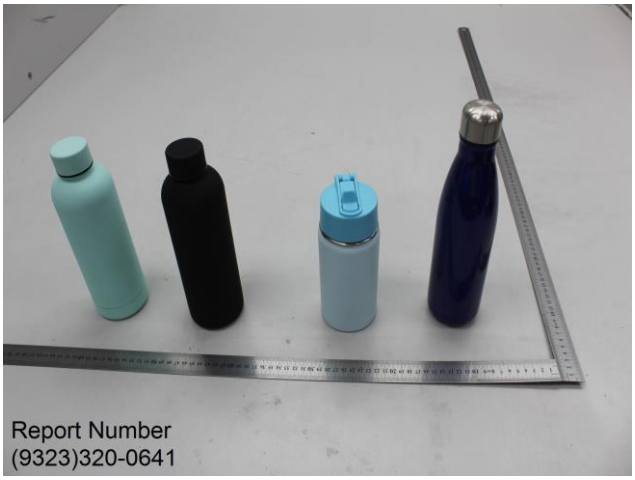
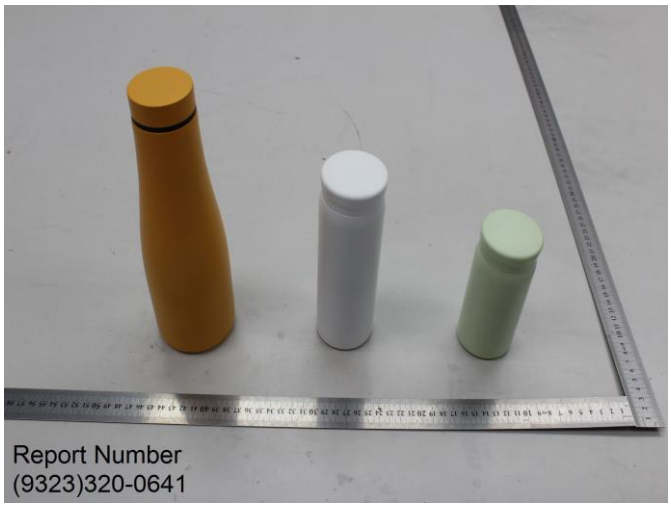
Photo of the Submitted Sample









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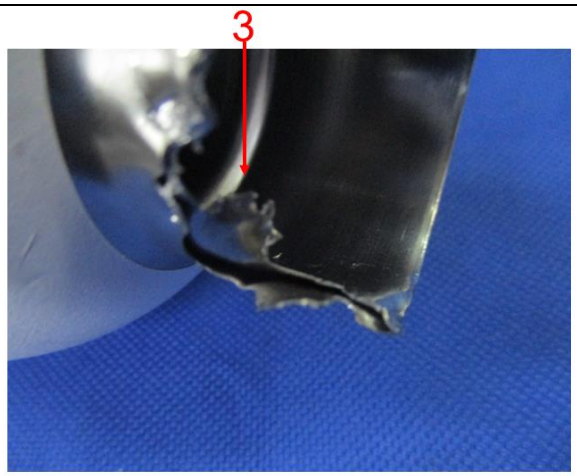
Photograph of test item(s)



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TEST RESULT

****Olefin Polymers - Polypropylene Copolymer - U.S. FDA 21 CFR 177.1520**

Parameter	Unit	Result	Limit
		2	
Density	g/cm^3	0.880	0.85-1.00
Total Extractives (n-Hexane)	% w/w	0.55	≤ 5.5
Total Extractives (Xylene)	% w/w	2.15	≤ 30
Conclusion	-	PASS	-

Note: g/cm^3 = gram per cubic centimetre
% w/w = percent weight by weight
"<" = less than
"≤"= less than or equal to

Method: U.S. FDA 21 CFR 177.1520

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TEST RESULT

****Closures with Sealing Gaskets for Food Containers - U.S. FDA 21 CFR 177.1210**

Condition of use: B) Boiling water sterilized
Extracting condition: Distilled Water (212 °F, 30 min.)

Parameter	Unit	Result	Limit
		1	
Net Chloroform- Soluble Extractives (i) Distilled Water	ppm	<10	≤ 50
Conclusion	-	PASS	-

Note: ppm = parts per million
"<" = less than
"≤"= less than or equal to

Method: U.S. FDA 21 CFR 177.1210

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

Type of closure-sealing gasket composition	Maximum Extractives Tolerances (in ppm)		
	Chloroform fraction of water extractives	Chloroform fraction of heptane extractives	Chloroform fraction of alcohol 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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TEST RESULT

****FDA / GRAS Evaluation**

Test Item 3:

Result: The sample 1 was identified as AISI 304 .

Conclusion: The sample Meet FDA/GRAS for the intended use.

Method: Acid digestion and analysis by Carbon sulfur analyzer or Inductively Coupled Argon Plasma Spectrometer (ICP).

Data Sheet		
AISI 304 FDA/GRAS		
Sample ID		
ELEMENTS	**REQUIRED (%)**	**RECORDED (%)**
		3
C	0.08 max	0.0444
Si	1.00 max	0.408
Mn	2.0 max	1.22
P	0.045 max	0.0247
S	0.03 max	0.00522
Cr	18.0-20.0	18.8
Ni	8.0-10.5	8.33
Mo	-	<0.1
Cu	-	<0.1

Remark: "*" The above results were transferred from (9323)318-0577 dated on Dec 15, 2023.

END

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