

TEST REPORT

LAB NO. DATE

(6616)197-0455

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Applicant:

SHANGHAI TRANLIN COMMODITY CO., LTD

NO.3-5148, NO.1128 JINDU ROAD, MINHANG DISTRICT, SHANGHAI, CHINA

Date of Submission:

July 15, 2016

Date of on hold:

July 21, 2016

Date of off hold:

August 5, 2016

Test Period:

July 15, 2016 to August 5, 2016

Sample Description:

Sample(s) received is(are) stated to be Stainless steel vacuum food jar

Test Item(s):

Details see page 3

Manufacturer:

Style No(s):

T-0042

Buyer: Country of Origin:

China

PO No.: Country of Destination:

SUMMARY OF TEST RESULTS

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

Note: 1) The tested part of the sample was specified by client.

2) The test requested was specified by client.

3) The test conclusion was given based on the results of tested part.

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

General enquiry and invoicing

Mr. Johnny Yin/ Ms. Joanna Chen (021) 24166888*6833/6849

Technical enquiry

Jonny. Yin @cn.bureauveritas.com/ Joan.chen@cn.bureauveritas.com

Mr. Paul Li/ Ms. Kathy Fu (021) 24166888*6857/6841

Paul. Li@cn.bureauveritas.com/Kathy. Fu@cn.bureauveritas.com/Kathy. Fu@cn.bureauveritas.com

BUREAU VERITAS

CONSUMER PRODUCTS SERVICES DIVISION (SHANGHAI)

PREPARED BY:

Paul Li

RW/2016

Technical Specialist



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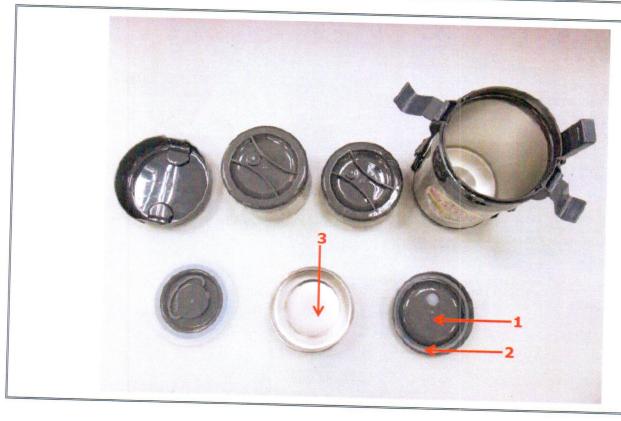
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Photo of the Submitted Sample





Bureau Veritas
Consumer Products Services Division (Shanghai)
No. 168, Guanghua Road, Zhuanqiao Town, Minhang,
Shanghai, China. Post Code: 201108
Tel: 86-21-24081888 Fax: 86-21-64890042
Email: bvcps_sh_info@cn.bureauveritas.com
Http://www.bureauveritas.com/cps

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TEST RESULT

Sample Description Assigned by Laboratory:

Test Item	Description	
1	Grey plastic lid	Client Claimed Material
2		PP
	Transparent soft plastic sealing	Silicone
3	Silvery metal bowl	
	y	Stainless steel

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

Parameter	Unit	Result	
	Omt	1	Limit
Density	g/cm ³	0.900	0.880-0.913
Melting Point	°C	163.5	
Total Extractives (n-Hexane)	% w/w	1.6	160-180
Total Extractives (Xylene)	% W/W	1.0	≤ 6.4
	70 W/W	2.6	≤ 9.8
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

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

Condition of use: Extracting condition:

C) Hot filled or pasteurized above 150°F Distilled Water (Fill boiling, cool to 100 °F)

n-Heptane (120 °F, 15 min.)

Parameter	Unit	Result	Limit
Net Chloroform- Soluble Extractives (i) Distilled Water	nnm	2	Elimi
(ii) n-Heptane	ppm ppm	<10 83	≤ 50 ≤ 250
Conclusion	-	PASS	_

Note:

ppm = parts per million

"<" = less than

"≤"= less than or equal to

Method:

U.S. FDA 21 CFR 177.1210

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

and the second s	closure-seam	ig gasket com	position
	Maximum Extractives Tolerances (in ppm)		
Type of closure-sealing gasket composition	Chloroform	Chloroform	Chloroform
The state scanning gasket composition	fraction of	fraction of	fraction of
	water	heptane	alcohol
1 Plasticized polymers includios 1	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, 3 and 4, and including paper, paperboard, and glassine used for dry foods only	Not applicable	Not applicable	Not applicable



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TEST RESULT

III. FDA / GRAS Evaluation

Test Item:

3

Result:

The sample 3 meets the chemical requirements of AISI 304 stainless steel.

AISI 304 is given as a reference.

Conclusion:

The sample Meet FDA/GRAS for the intended use.

Method:

ASTM E1086-14

	Arc Spectrometer Data Sheet		
	AISI 304		
ELEMENTS	SPECIFICATION	RESULT(%)	
	(%)	3	
C	0.08 max	0.044	
Si	1 max	0.51	
Mn	2 max	1.36	
P	0.045 max	0.036	
S	0.03 max	0.0047	
Cr	18-20	18.62	
Ni	8-10.5	8.07	
Mo		0.077	
Cu		0.033	

END



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Annex

Remark: The client declares that the above tested material will be used in below styles.

