TEST REPORT

Technical Report: **(6615)033-1454** February 9, 2015

Date Received: February 2, 2015

Yisure Industry And Trade Co., Ltd.
No.218 Cangchu Road , Jiangbei District , Ningbo Zhejiang, China

Sample Description: Sample(s) received is/are stated to be:
Double Dip Bowls,carafe, Salad Bowl To Go

Color:	/	Style No(s):	GS006-1, GS019, GS022
Order No.:	/	PO No.:	/
Model No.:	/	Batch No.:	/
Age Grade:	/	Product End Use:	/
Vendor:	/	Retest No.:	/
Manufacturer:	/	Supplier Reference:	/
Buyer:	/	Country of Origin:	/
Test Period:	February 2, 2015 to February 9, 2015	Country of Destination:	/

SUMMARY OF TEST RESULTS

TEST REQUESTED	CONCLUSION
Polystyrene and Rubber-Modified Polystyrene - U.S. FDA 21 CFR 177.1640	PASS
Closures with Sealing Gaskets for Food Containers - U.S. FDA 21 CFR 177.1210	PASS
Olefin Polymers - Polypropylene Homopolymer - U.S. FDA 21 CFR 177.1520	PASS
Bisphenol A Content	See results on page 6
Dishwasher test	PASS
FDA / GRAS Evaluation	PASS

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REMARK

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

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BUREAU VERITAS
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ANDY WANG
SENIOR OPERATION MANAGER (HARDLINE DIVISION)

Photo of the Submitted Sample

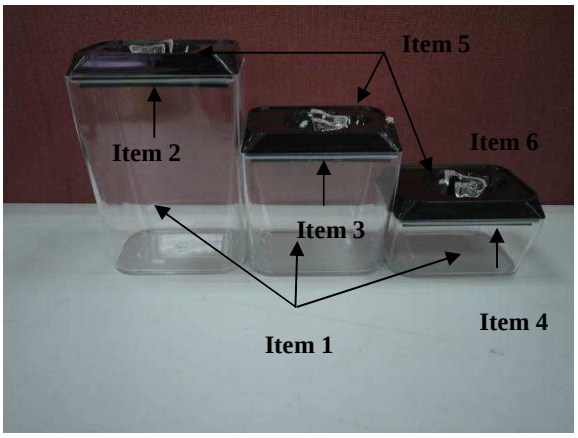
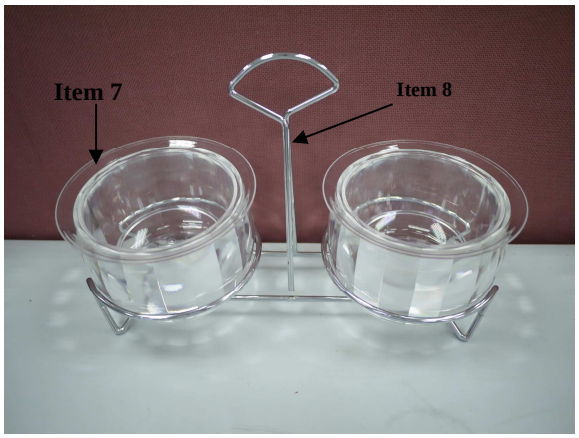


Photo of the Submitted Sample




Photo of the Submitted Sample



TEST RESULT

Sample Description Assigned by Laboratory:

The test part of the sample was specified by client.

Test Item	Description	Client Claimed Material
1	Transparent plastic body	PS
2	Translucent silicone ring (big)	Silicone
3	Translucent silicone ring (middle)	Silicone
4	Translucent silicone ring (small)	Silicone
5	Black plastic lid	PP
6	Transparent plastic body with black lid (complete article, small)	/
7	Transparent plastic holder	PS
8	Silvery metal	/

I. Polystyrene and Rubber-Modified Polystyrene - U.S. FDA 21 CFR 177.1640

Parameter	Unit	Result		Limit
		1#	7	
Total residual styrene monomer	% w/w	<0.05	<0.05	≤ 0.5/ 1.0 (See remark)
Conclusion	-	PASS	PASS	-

Note: "<" = less than
"≤"= less than or equal to
% w/w = percent weight by weight

Method: U.S. FDA 21 CFR 177.1640

Remark: 1) Requirement for polystyrene basic polymers:
≤ 0.5% (for articles intended for use in contact with fatty foods)
≤ 1.0% (for articles intended for use in contact with non-fatty foods)

2) Requirement for rubber-modified polystyrene basic polymers:
≤ 0.5% (for articles intended for use in contact with foods)

TEST RESULT

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

Condition of use: E) Room temperature filled and stored
Extracting condition: Distilled Water (120 °F, 24 hr.)
n-Heptane (70 °F, 30 min.)

Parameter	Unit	Result			Limit
		2*#	3*#	4#	
Net Chloroform- Soluble Extractives					
(i) Distilled Water	ppm	<10	<10	<10	≤ 50
(ii) n-Heptane	ppm	13.4	24.2	48.4	≤ 250
Conclusion	-	PASS	PASS	PASS	-

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

Method: U.S. FDA 21 CFR 177.1210

Remark: 1) 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

2) * The result was calculated from the result of the tested sample (Test Item 4) with a correction of a surface area ratio of the referred sample over the tested sample.

TEST RESULT

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

Parameter	Unit	Result	Limit
		5#	
Density	g/cm^3	0.894	0.880-0.913
Melting Point	^{o}C	167.1	160-180
Total Extractives (n-Hexane)	% w/w	1.3	≤ 6.4
Total Extractives (Xylene)	% w/w	0.8	≤ 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

IV. Bisphenol A Content

Parameter	Unit	Result		
		1#	2#/3#/4#	5#
Bisphenol A	mg/kg	N.D.	N.D.	N.D.

Note: mg/kg = milligram per kilogram
N.D. = Not detected (concentration below 0.1 mg/kg)

Method: Sample was extracted with organic solvent and then analyzed by Liquid Chromatograph Mass Spectrometer.

V. Dishwasher Safe

Evaluation	Citation / Method	Criteria	Results	Rating
Dishwasher exposure	CPSD-HL-01014-MTHD / Dishwasher	Shall be no surface degradation, crazing, scratches, or deformation after 5 cycles.	Item 6#: MEET	PASS

Remark: 1) Selected test was specified by client

FDA / GRAS Evaluation

Test Item 8:	Silvery metal
Result:	The sample was analyzed using a scanning electron microscope with energy dispersive spectroscopy (SEM/EDS). This instrument is capable of detecting beryllium and elements with greater atomic numbers (i.e., cannot detect hydrogen, helium and lithium). The results of EDS chemical analysis on the sample reveals a three layer plating consisting of chromium over nickel over copper.
Conclusion:	The result for this sample is considered as FDA/GRAS.

[#] The results of item 1-6 are transferred from (6614)310-1031 dated November 12,2014.

END