

TEST REPORT

APPLICANT : SHANGHAI LIVING CO.,LTD

ADDRESS : 4F ROOM 2 BUILDING,NO.15 RIYING SOUTH
RD,(SHANGHAI) POILOT FREE ZONE,PR.CHINA

SAMPLE DESCRIPTION : Orbit 2.0 oil & vinegar set

PRODUCT MATERIAL : GLASS,SILICONE,STAINLESS STEEL

COUNTRY OF ORIGIN : China

COUNTRY OF DESTINATION : Europe

SAMPLE RECEIVED DATE : 10-Nov-2017

TURN AROUND TIME : 10-Nov-2017 to 21-Nov-2017

The following test item(s) was/were performed on selected sample(s) and/or component(s) confirmed by applicant

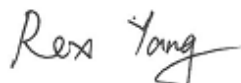
TEST REQUESTED	RESULT
- Specific Release of Heavy Metals	Pass
- Leachable Lead and Cadmium Content	Pass
- Overall Migration	Pass

Results obtained refer only to samples, products or material received in Laboratory, as described in point related to sample description, and tested in conditions shown in present report. Eurofins Product Testing Service (Shanghai) Co., Ltd ensures that this job has been performed according to our Quality System and complying contract and legal conditions. If you happen to have any comments, please do it by sending email to info.sh@eurofins.com and referring to this report number. Reproduction of this document is only valid if it is done completely and under the written permission of Eurofins Product Testing Service (Shanghai) Co., If you happen to have any complaints, please do it by sending email to chinacomplaint@eurofins.com and referring to this report number. Ltd.

Eurofins (Shanghai) contact information**Customer service:** SherryZhu@eurofins.com / +86 216 1819 181**Sales specialist:** WandyShen@eurofins.com / 18616155723

***** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S)

Signed for and on behalf of
Eurofins Product Testing Service (Shanghai) Co., Ltd



Rex Yang
Assistant Chemical Lab Manager

SAMPLE PHOTO



EFSH17110818-CG-01

TO BE CONTINUED

COMPONENT LIST

Component No.	Component
1	Glass
2	Stainless Steel
3	Black Silicone

TEST RESULT

Specific Release of Heavy Metals

Test Requested : In accordance with Regulation (EC) No. 1935/2004 and CM/Res (2013)9 on metals and alloys used in food contact materials and articles.

Test Method : Samples were prepared at specific condition, analysed by using ICP-OES/ICP-MS.
Simulant used: 0.5% citric acid
Test condition: 70°C 2hours

Test Item(s)	Unit	MDL	Test Result			
			2			
			1 st + 2 nd Migration		3 rd Migration	
			Result	7xSRL ^{*2}	Result	SRL ^{*1}
Aluminum (Al)	mg/kg	0.5	ND	35	ND	5
Antimony (Sb)	mg/kg	0.01	ND	0.28	ND	0.04
Chromium (Cr)	mg/kg	0.05	0.09	1.75	ND	0.25
Cobalt (Co)	mg/kg	0.005	ND	0.14	ND	0.02
Copper (Cu)	mg/kg	0.5	ND	28	ND	4
Iron (Fe)	mg/kg	5	ND	280	ND	40
Manganese (Mn)	mg/kg	0.2	ND	12.6	ND	1.8
Molybdenum (Mo)	mg/kg	0.01	ND	0.84	ND	0.12
Nickel (Ni)	mg/kg	0.01	0.03	0.98	ND	0.14
Silver (Ag)	mg/kg	0.01	ND	0.56	ND	0.08
Tin ³ (Sn)	mg/kg	5	ND	700	ND	100
Vanadium (V)	mg/kg	0.001	ND	0.07	ND	0.01
Zinc (Zn)	mg/kg	0.5	ND	35	ND	5
Arsenic (As)	mg/kg	0.0005	ND	0.014	ND	0.002
Barium (Ba)	mg/kg	0.1	ND	8.4	ND	1.2
Beryllium (Be)	mg/kg	0.001	ND	0.07	ND	0.01
Cadmium (Cd)	mg/kg	0.001	ND	0.035	ND	0.005
Lead (Pb)	mg/kg	0.001	ND	0.07	ND	0.01
Lithium (Li)	mg/kg	0.005	ND	0.336	ND	0.048
Mercury (Hg)	mg/kg	0.0005	ND	0.021	ND	0.003
Thallium (Tl)	mg/kg	0.00005	ND	0.0007	ND	0.0001

Note:

- (1) mg/kg =milligram per kilogram
- (2) M.D.L. = method detection limit
- (3) ND = not detected, less than M.D.L.
- (4) SRL = Specific Release Limit
- (5) *1 Compliance is established on the result from the third migration test for repeated used articles.
- (6) *2 Meantime, the sum of the results of the first and second tests should not exceed 7 times the SRL
- (7) *3 Except in field of application under Regulation (EC) No.1881/2006.(canned food container)
- (8) Test condition & simulant were specified by client

TO BE CONTINUED

TEST RESULT

Leachable Lead and Cadmium Content

Test Requested : To determine the leachable Lead and Cadmium contents from the submitted samples with reference to European Council Directive 84/500/EEC (COUNCIL DIRECTIVE of 15 October 1984 on the approximation of the laws of the Member States relating to ceramic articles intended to come into contact with foodstuffs) and its amendment Commission Directive 2005/31/EC

Test Method : With reference to EEC Directive 84/500/EEC and 2005/31/EC.
Analysis was performed by ICP-OES.

Category 2: Articles, not in categories 1 or 3, which can be filled

Specimen	Vol. of 4% Acetic Acid Used (ml)	Depth (mm)	Diameter (mm)
	1	1	1
1	300	113	65.2
2	300	113	65.2
3	300	113	65.2
4	300	113	65.2

Specimen	Leachable Lead (mg/l)	Leachable Cadmium (mg/l)
	1	1
1	< 0.05	< 0.01
2	< 0.05	< 0.01
3	< 0.05	< 0.01
4	< 0.05	< 0.01
Limit	4.0	0.3

Notes:

- (1) Category 1: Articles that cannot be filled and articles that can be filled, the internal depth of which does not exceed 25 mm
(2) Category 2: Articles, not in categories 1 or 3, which can be filled
(3) Category 3: Cooking ware; packaging and storage vessels having a capacity of more than three liters

TO BE CONTINUED

TEST RESULT

Overall Migration

Test Requested : In accordance with Council of Europe Resolution AP (2004) 5.

For material: Silicone rubber – Overall migration test.

Test Method : With reference to EN 1186-1:2002 for selection of conditions and test methods;
or EN 1186-3:2002 aqueous food simulants by total immersion method;
or EN 1186-9:2002 aqueous food simulants by article filling method;
or EN 1186-2:2002 olive oil by total immersion method;
or EN 1186-8:2002 olive oil by article filling method;
or EN 1186-14:2002 substitute test.

Simulant used	Time	Temperature	Max. Permissible Limit	Result
				3
3% Acetic Acid (W/V) Aqueous Solution	2hrs	70°C	10 mg/dm ²	<3.0 mg/dm ²
10% Ethanol (V/V) Aqueous Solution	2hrs	70°C	10 mg/dm ²	<3.0 mg/dm ²

Note:

- (1) mg/dm²=milligram per square decimeter
- (2) mg/kg = milligram per kilogram
- (3) °C=degree Celsius
- (4) <= less than
- (5) Analytical tolerance of aqueous simulants is 1 mg/dm² or 6mg/kg
- (6) Analytical tolerance of fatty food simulants is 3 mg/dm² or 20mg/kg
- (7) Test condition & simulant were specified by client.

END OF THE REPORT