

# TEST REPORT

<u>APPLICANT</u>	: PROFSIL LIMITED LIABILITY COMPANY
<u>ADDRESS</u>	: Ukraine,07400,Kyiv region,Brovary district,Brovary city,B.Nezalezhnosti building 53/6
<u>SAMPLE DESCRIPTION</u>	: Silicone cake mold Bear shape, Silicone cake mold Cupcake shape,Silicone cake mold big cupcake shape, Silicone cake mold big cupcake shape, Silicone cake mold Heart shape (brown and gray )
<u>MODEL NO.</u>	: 482 444 74 11 221_b, 482 444 73 123 13_b, 482 444 74 111 22_b, 482 444 74 61 226_b, 482 444 74 61 219_b, 482 444 74 11 221_g, 482 444 73 123 13_g, 482 444 74 111 22_g, 482 444 74 61 226_g, 482 444 74 61 219_g
<u>MATERIAL NO.</u>	: silicone
<u>SUPPLIER</u>	: PROFSIL LIMITED LIABILITY COMPANY
<u>COUNTRY OF ORIGIN</u>	: Ukraine
<u>COUNTRY OF DESTINATION</u>	: Poland
<u>PRODUCT MATERIAL</u>	: silicone
<u>SAMPLE RECEIVED DATE</u>	: 07-Nov-2023
<u>SAMPLE RESUBMISSION DATE</u>	: 01-Dec-2023
<u>TURN AROUND TIME</u>	: 07-Nov-2023 to 08-Dec-2023
<u>REVISED DATE</u>	: 11-Dec-2023

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

TEST REQUESTED	TEST METHOD/REGULATION	RESULT
Sensorial Examination Odour and Taste Test	LFGB Section 30, 31 and BfR recommendation	Pass
Overall Migration	Resolution AP (2004) 5	Pass
Total Cadmium Content	REACH Annex XVII, Entry 23	Pass
Total Lead Content	REACH Annex XVII, Entry 63	Pass
Polycyclic Aromatic Hydrocarbons (PAHs)	REACH Annex XVII, Entry 50	Pass

**Remark:** This report cancels and supersedes report number EFHZ23111017-CG-01 issued on Dec 08, 2023.

Modification description: per client's request, modified component list in the revised report.

**Eurofins (Hangzhou) contact information**

**Customer service:** [Niki.Fang@cpt.eurofinscn.com](mailto:Niki.Fang@cpt.eurofinscn.com) / +86 571 87203730

**Sales specialist:** [Lara.Li@cpt.eurofinscn.com](mailto:Lara.Li@cpt.eurofinscn.com) / +86 18758101509

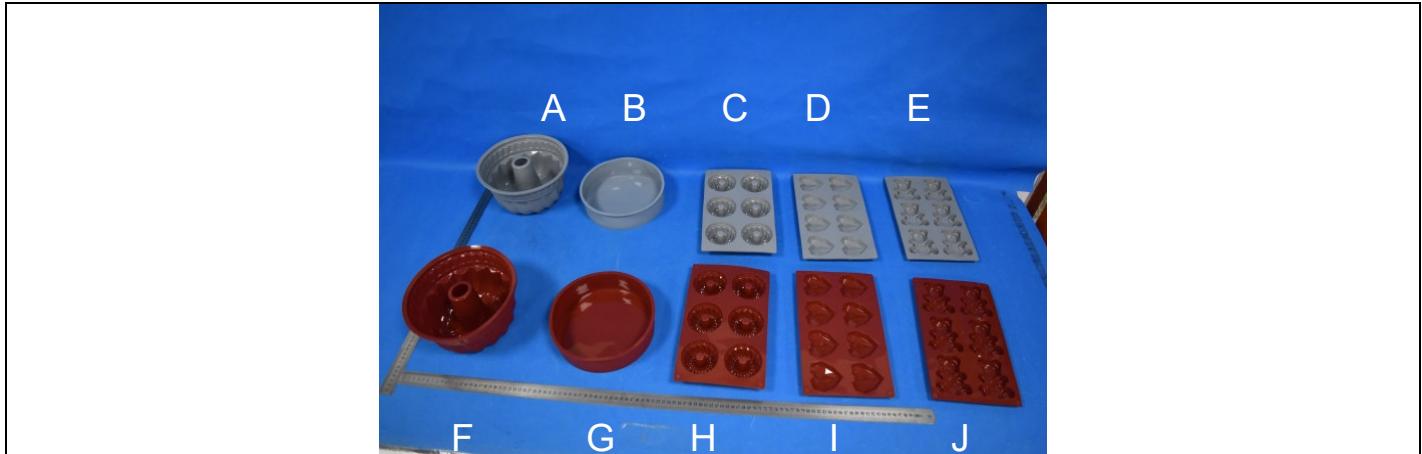
\*\*\*\*\* FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) \*\*\*\*\*

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

Sara  
Sara Liu  
Lab Manager



*Samples are obtained by express delivery. 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. Unless otherwise stated from the customer, regulation or the standard specification, Eurofins will consider the measurement uncertainty as calculated by our laboratory and apply according to ILAC G8:09/2019-(binary acceptance base on guard band). If you happen to have any comments, please do it by sending email to [info.hz@eurofins.com](mailto:info.hz@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., Ltd. If you happen to have any complaints, please do it by sending email to [chinacomplaint@eurofins.com](mailto:chinacomplaint@eurofins.com) and referring to this report number.*

**SAMPLE PHOTO(S)****EFHZ23111017-CG-01+Rev1**

## COMPONENT LIST

Component No.	Component	Sample No.
1	Grey silicone	A,B,C,D,E
2	Reddish-brown silicone(mark as brown)	F,G,H,I,J

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

### Sensorial Examination Odour and Taste Test

Test Request: In accordance with German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 and BfR recommendation.

Test Method: With reference to DIN 10955:2023  
Odour test condition:  $175 \pm 5^\circ \text{C}$  1hour  
Taste test condition:  $100^\circ \text{C}$  4 hours  
Test media: Distilled water  
No. of panelist: 6

Test Item(s)	Limit	Result	
		E	J
Sensorial examination odour (Point scale)	2.5	0.0	0.0
Sensorial examination taste (Point scale)	2.5	0.0	0.0

#### **Remark:**

Scale evaluation:

- 0: No perceptible odour
- 1: Odour just perceptible (still difficult to define)
- 2: Moderate odour
- 3: Moderately strong odour
- 4: Strong odour

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

### Overall Migration

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

Test Method: With reference to EN1186-1:2002 for selection of conditions and test methods;  
EN1186-2:2022 overall migration in olive oil by total immersion method  
EN1186-3:2022 overall migration in evaporable simulants by total immersion method

Simulant used	Time	Temperature	Max. Permissible Limit	Result		
				1		
				1 <sup>st</sup> Test	2 <sup>nd</sup> Test	3 <sup>rd</sup> Test
3% Acetic Acid (W/V)	4 hours	100°C	10 mg/dm <sup>2</sup>	<3.0 mg/dm <sup>2</sup>	<3.0 mg/dm <sup>2</sup>	<3.0 mg/dm <sup>2</sup>
10% Ethanol (V/V)	4 hours	100°C	10 mg/dm <sup>2</sup>	<3.0 mg/dm <sup>2</sup>	<3.0 mg/dm <sup>2</sup>	<3.0 mg/dm <sup>2</sup>
Rectified Olive Oil	2 hours	175°C	10 mg/dm <sup>2</sup>	55.7 mg/dm <sup>2</sup>	11.1 mg/dm <sup>2</sup>	4.3 mg/dm <sup>2</sup>

Simulant used	Time	Temperature	Max. Permissible Limit	Result		
				2		
				1 <sup>st</sup> Test	2 <sup>nd</sup> Test	3 <sup>rd</sup> Test
3% Acetic Acid (W/V)	4 hours	100°C	10 mg/dm <sup>2</sup>	<3.0 mg/dm <sup>2</sup>	<3.0 mg/dm <sup>2</sup>	<3.0 mg/dm <sup>2</sup>
10% Ethanol (V/V)	4 hours	100°C	10 mg/dm <sup>2</sup>	<3.0 mg/dm <sup>2</sup>	<3.0 mg/dm <sup>2</sup>	<3.0 mg/dm <sup>2</sup>
Rectified Olive Oil	2 hours	175°C	10 mg/dm <sup>2</sup>	51.7 mg/dm <sup>2</sup>	19.1 mg/dm <sup>2</sup>	6.2 mg/dm <sup>2</sup>

**Note:**

- (1) mg/dm<sup>2</sup>=milligram per square decimeter
- (2) °C=degree Celsius
- (3) <= less than
- (4) Test condition & simulant were specified by client.

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

### Total Cadmium Content

Test Request: Total cadmium content as specified in Commission Regulation (EU) 2016/217 amending entry 23 of Annex XVII of REACH Regulation (EC) No 1907/2006.

Test Method: EPA 3050B:1996, EPA 3052:1996, EN 1122:2001 Method B, acid digestion method was used and total cadmium content was determined by ICP-OES.

Test Item(s)	Unit	Limit	MDL	Result	
				1+2	ND
Total Cadmium	mg/kg	100	5		ND

**Remark:**

According to client's request, tests are combination tests. The experimental results are the total result of mixed samples.

mg/kg = milligram per kilogram

MDL = method detection limit

ND = Not detected, less than MDL

### Total Lead Content

Test Request: Total lead content as specified in entry 63 of annex XVII of REACH Regulation (EC) No 1907/2006 and its amendment Regulation (EU) No 2015/628.

Test Method: EPA 3050B:1996, EPA 3051A:2007, EPA 3052:1996  
Acid digestion/ microwave digestion method was used and total lead content was determined by ICP-OES.

Test Item(s)	Unit	Limit	MDL	Result	
				1+2	ND
Total Lead	mg/kg	500	10		ND

**Remark:**

According to client's request, tests are combination tests. The experimental results are the total result of mixed samples.

mg/kg = milligram per kilogram

MDL = method detection limit

ND = Not detected, less than MDL

\*\*\*TO BE CONTINUED\*\*\*

## TEST RESULT

### Polycyclic Aromatic Hydrocarbons (PAHs)

Test Request: Polycyclic Aromatic Hydrocarbons (PAHs) content as specified in Regulation (EU) 2015/326 amending entry 50 of Annex XVII of REACH Regulation (EC) No 1907/2006.

Test Method: Solvent extraction and quantification by gas chromatography-mass selective detection (GC-MS) with respect to AfPS GS 2019:01 PAK

Test Item(s)	CAS No.	Unit	Limit	MDL	Result	
					1+2	
Benz(a)anthracene	56-55-3	mg/kg	1	0.2	ND	
Chrysene	218-01-9	mg/kg	1	0.2	ND	
Benzo(b)fluoranthene	205-99-2	mg/kg	1	0.2	ND	
Benzo-(j)-fluoranthene	205-82-3	mg/kg	1	0.2	ND	
Benzo(k)fluoranthene	207-08-9	mg/kg	1	0.2	ND	
Benzo(a)pyrene	50-32-8	mg/kg	1	0.2	ND	
Dibenz(a,h)anthracene	53-70-3	mg/kg	1	0.2	ND	
Benzo(e)pyrene	192-97-2	mg/kg	1	0.2	ND	

#### **Remarks:**

According to client's request, tests are combination tests. The experimental results are the total result of mixed samples.

mg/kg = milligram per kilogram

MDL = method detection limit

ND = Not detected, less than MDL

\*\*\*END OF THE REPORT\*\*\*