

Test Report No.: 68.431.23.2660.01A

Dated: 2023-06-29



Applicant : The Dream Farm PTY LTD
9 Amy Street, Albion QLD 4010, Australia

Sample Description : Flegg

Product type/ End use : Egg Ring

Style No. / Name / Design No. : DFFG6049 (LFGB)

Supplier/Manufacturer : MMP

Country of Origin : China

Country of Destination : Australia, USA, Europe, Japan

Test Sample Receipt Date, Location : 2023-06-19, Shenzhen

Test Period, Location : From 2023-06-20 to 2023-06-29, Shenzhen

Test Result(s) : Refer to Section 3



Regd. Office:

TüV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
Building 12&13, Zhiheng Wisdomland Business Park, Guankou Erlu, Nantou, Nanshan District,
Shenzhen, Guangdong, China

Phone: +86 755 8828 6998
Fax: +86 755 8828 5299
E-mail: info@tuv sud.com
Web : <http://www.tuvsud.cn>

Lab 1 - Chemical testing and
part of electrical testing
Lab 2 - Physical & mechanical
testing

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Building A2, Jin'ao Industrial Park, No. 150, Jingfang Road, Fuhai, Baoan District, Shenzhen, Guangdong, China

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Purpose Of Examination / Conclusion:

Test Requested:	As specified by client, to test per the selected requirement(s) for the tested item(s) as stated in the German Food & Feed Acts LFGB (§ 30 & 31) and Regulation (EC) No.1935/2004
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No.	Test Item(s)	Conclusion
1	Extractable Components	Pass
2	Volatile Organic Matters	Pass
3	Peroxide	Pass
4	Total Platinum Content Test	Pass
5	Sensory Test Test for compliance with German Food and Feed Acts LFGB Section 31 and Regulation (EC) No. 1935/2004 Article 3(1)	Pass

Remarks:

- (1) The results relate only to the items tested.
- (2) Samples are tested as received.
- (3) The test item and samples were specified by the client.
- (4) "Pass" means the measured result is within a limit, even when extended by expanded uncertainty. "Fail" means the measured result is beyond a limit, even when extended by expanded uncertainty. "Inconclusive" means the measured result can be within or beyond a limit when extended by expanded uncertainty. The confidence level of the expanded uncertainty for "Pass", "Fail" and "Inconclusive" is 95%.

TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
TÜV SÜD Group

Prepared by:

Reviewed by:



Huang, Jessica
Senior Project Coordinator

Peng Jason
Project Manager

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1. Description of the Test Sample:

Sample Description	Flegg
	



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2. List of Materials as identified by the Laboratory:

T. No.	Sample No.	Colour and Description	Photograph
T1	001	Yellow silicone (Egg ring)	
T2	002	Yellow silicone egg ring (Whole product)	

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3. Test Result

3.1 Extractable Components

Test method: With reference to Bundesgesundheitsbl 46(2003)362 and followed by gravimetric method.

TEST ITEM	TEST CONDITIONS	RESULT [%]	MAXIMUM PERMISSIBLE LIMIT [%]
		SAMPLE 001	
Distilled Water	Reflux for 5 hours	<0.10	0.5
3% Acetic acid	Reflux for 5 hours	<0.10	0.5
10% Ethanol	Reflux for 5 hours	<0.10	0.5
Conclusion		Pass	-

Note:

- %” denotes percentage by weight
- <” denotes less than
- The specification was quoted from Recommendation of the BfR “Kunststoffe im Lebensmittelverkehr” Part XV “Silicone”

3.2 Volatile Organic Matters

Test method: As specified in BfR Recommendation Part XV

Test Conditions: 200 °C for 4 Hours

TEST ITEM	RESULT [%]	MAXIMUM PERMISSIBLE LIMIT [%]
	SAMPLE 001	
Volatile Organic Matters	0.164	0.5
Conclusion		Pass

Note 1. “<” denotes less than

2. “%” denotes percent by weight

3. The specification was quoted from Recommendation of the BfR “Kunststoffe im Lebensmittelverkehr” Part XV “Silicones”.

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3.3 Peroxide

Test method : With reference to 58th Communication on the testing of plastics, Bundesgesundheitsbl. 40 (1997) 412.

TEST ITEM	RESULTS	MAXIMUM PERMISSIBLE LIMIT
	SAMPLE 001	
Peroxide Value	Absent	Absent
Conclusion	Pass	-

Note:

- The specification was quoted from Recommendation of the BfR “Kunststoffe im Lebensmittelverkehr Part XV and Part VI

3.4 Total Platinum Content Test

Test method: Microwave digestion, followed by Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES).

TEST ITEM	RESULTS [mg/kg]	MAXIMUM PERMISSIBLE LIMIT [mg/kg]
	SAMPLE 001	
Platinum (Pt)	<15.0	<50
Conclusion	Pass	-

Note 1. “<” denotes less than

2. “mg/kg” denotes milligram per kilogram

3. The specification was quoted from Recommendation of the BfR “Kunststoffe im Lebensmittelverkehr” PartXV “Silicone”.

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3.5 Sensory Test

Test for compliance with German Food and Feed Acts LFGB Section 31 and Regulation (EC) No. 1935/2004 Article 3(1)

Test method: With reference to DIN 10955:2004.

The submitted sample was treated with below test conditions. After this treatment, treated food simulatant was examined by panels with regard to any divergence in smell and taste.

Test Item	Test Conditions	Grade Results	Recommend Level
		Sample 002	
Transfer of smell	Distilled water: 100°C for 2 Hours	1	≤ 2.5
Transfer of taste	Distilled water: 100°C for 2 Hours	1	≤ 2.5
Conclusion		Pass	-

Note:

- Explanation for grading are listed as below:
 - Grade 0 : No perceptible taste/smell deviation
 - Grade 1 : Just perceptible taste/smell deviation
 - Grade 2 : Weak taste/smell deviation
 - Grade 3 : Clear taste/smell deviation
 - Grade 4 : Strong taste/smell deviation

-- END OF TEST REPORT--

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