Test Report

Report No. A2200129487103001 Page 1 of 5

Applicant

Address

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the client

Sample Name	Silicon rubber
Client Reference Information	LH21,LH22,LH3
Sample Received Date	May 11, 2020
Testing Period	May 11, 2020 to May 21, 2020

Test Conducted:

As requested by the applicant. For details refer to next page(s).

Tested by Guangneng Yang Reviewed by Wenjun Wang

Approved by Wenjun Wang Date May 25, 2020

Wenjun Wang
Technical Director

No. R186117087

Centre Testing International Group Co.,Ltd. Shunde Branch
Yongying Building, Section 2, No.8, East of Rongqi Avenue, Ronggui, Shunde District, Foshan, Guangdong, China

Test Report

Executive Summary:

TEST REQUEST	**CONCLUSION**
1) Refer to LFGB §30&31, BfR recommendation XV Silicones, and Regulation (EC) No 1935/2004 of the European Parliament on materials and articles intended to come into contact with food	
- Overall migration	**See page 3**
- Volatile Organic Compounds(VOC)	**See page 3**
- Peroxide residues	**See page 3**
2) Element analysis	
- Platinum(Pt)	**See page 3**

********** For further details, please refer to the following page(s) **********

1) Refer to LFGB §30&31, BfR recommendation XV Silicones, and Regulation (EC) No 1935/2004 of the European Parliament on materials and articles intended to come into contact with food

▼Overall migration

Test Method: Refer to BS EN 1186-3:2002

Food Simulant(s): 3% acetic acid; Test Condition: reflux, 5h

Test Item(s)	Result	MDL	Referenced Limit	Unit
	001			
Overall migration	N.D.	3.0	10	mg/dm ²

Food Simulant(s): 10% ethanol; Test Condition: reflux, 5h

Test Item(s)	Result	MDL	Referenced Limit	Unit
	001			
Overall migration	N.D.	3.0	10	mg/dm ²

▼Volatile Organic Compounds(VOC)

Test Method: Refer to 61st Communication on testing of plastics in Bundesgesundheitsbl.46 (2003) 362.

Test Item(s)	Result	MDL	Referenced Limit	Unit
	001			
Volatile Organic Matter (VOM)	N.D.	0.10	0.5	%

▼Peroxide residues

Test Method: Refer to 58th Communication on testing of plastics in Bundesgesundheitsbl. 40 (1997) 412

Test Item(s)	Result	MDL	Referenced Limit	Unit
	001			
Peroxide value	Absent	--	Absent	--

2) Element analysis#

▼Platinum(Pt)

Test Standard: EPA 6010D-2014

Test Equipment Name: Inductively Coupled Plasma – Optical Emission Spectroscopy(ICP-OES);

Test Equipment Model: Agilent 5100

Test Item(s)	Content (%)
	001
Platinum(Pt)	<0.0005

Test Report

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- Total immersion method was used and the area-volume ratio (S/V) is 10.0 dm^2/L.
- The migration test result(s) was(were) based on the migration test of the first time.
- #Data are for reference only.

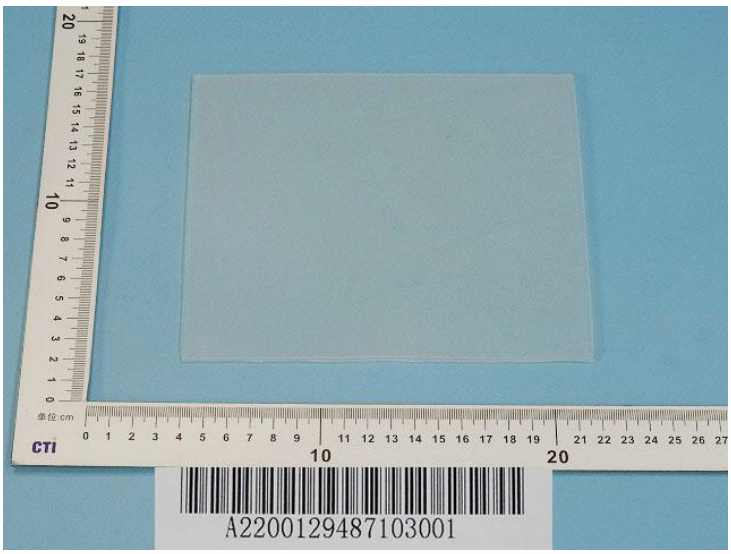
Sample/Part Description

001 Translucent silicone rubber

Note: -#:Indicates the testing item(s) was/were fulfilled by Centre Testing International Group Co., Ltd. lab.

Test Report

Photo(s) of the sample(s)



*** End of Report ***

Statement:

1. This report is considered invalid without approved signature, special seal and the seal on the perforation;
2. The sample(s) and sample information was/were provided by the client who should be responsible for the authenticity which CTI hasn't verified;
3. The result(s) shown in this report refer(s) only to the sample(s) tested;
4. Without written approval of CTI, this report can't be reproduced except in full;
5. In case of any discrepancy between the English version and Chinese version of the testing reports (if generated), the Chinese version shall prevail.