

Test Report

No.: CANPC25015742902

Date: Aug 11, 2025

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Client Name: [REDACTED]

Client Address: [REDACTED]
CITY, GUANGDONG PROVINCE

Sample Name: HTV silicone

Manufacturer: [REDACTED]

Model No.: [REDACTED]

Client Ref. Information: [REDACTED] (XX), [REDACTED] (XX), [REDACTED] (XX), [REDACTED] (XX), [REDACTED] (XX), KD-
[REDACTED] (XX), [REDACTED] (XX), [REDACTED] (XX), [REDACTED] (XX), [REDACTED] (XX), KD-
6031(XX), [REDACTED] (XX), [REDACTED] (XX), [REDACTED] (XX), [REDACTED] (XX), KD-
[REDACTED] (XX), [REDACTED] (XX), [REDACTED] (XX), [REDACTED] (XX), [REDACTED] (XX), KD-
[REDACTED] (XX), [REDACTED] (XX), [REDACTED] (XX), [REDACTED] (XX)

The above sample(s) and information were provided by the client.

SGS Job No.: SZIN2507004402PC02

Sample Receiving Date: Jul 01, 2025

Testing Period: Jul 01, 2025 ~ Aug 07, 2025

Test Requested: Select test(s) as requested by the client.

Test Method(s): Please refer to next page(s).

Test Result(s): Please refer to next page(s).

	Test Requirement	Conclusion
1	Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments and BfR recommendation - Sensorial examination odour and taste test	Pass
2	Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments and Commission Regulation (EU) 2024/3190 - Specific migration of bisphenols and bisphenol derivatives	Pass

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Kim Cai

Kim Cai
Approved Signatory



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	Test Requirement	Conclusion
3	Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments and BfR recommendation - Volatile Organic Matter(VOM)	Pass
4	Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments and BfR recommendation - Total Lead and Cadmium	Pass

Test Result(s):

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	001	CAN25-0157429-0001.C001	Transparent silicone sheet	Silicone

Remarks:

- (1) mg/dm² = milligram per square decimeter
 mg/inch² = milligram per square inches
 µg/cm² = microgram per square centimeter
 mg/L = milligram per litre
 mg/kg = milligram per kilogram
- (2) °C = degree Celsius
 °F = degree Fahrenheit
- (3) <= less than
- (4) RL = Reporting Limit
- (5) ND = Not Detected (< RL).

The ratio of surface area to volume

SGS Sample ID	Specific Migration
CAN25-0157429-0001.C001	6.0 dm ² /kg

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments and BfR recommendation - Sensorial examination odour and taste test

Test Method: With reference to DIN 10955: 2024.
 No. of panelist: 6

Test Media	Test Condition
Distilled water	001
	40 °C, 10 days



SGS-CSTC Standards Technical Services Co., Ltd.
 Inspection & Testing Services
 Guangzhou Branch Technical Laboratory

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Test Item(s)	Limit	Unit(s)	001
Area/Volume	-	dm ² /kg	10.0
Sensorial examination odour	2.5	-	0
Sensorial examination taste	2.5	-	0
Comment			Pass

Notes:

Intensity scale (rounded at 0.5):

- 0 – no perceptible difference
- 1 – just perceptible difference
- 2 – slight difference
- 3 – marked difference
- 4 – strong difference

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments and Commission Regulation (EU) 2024/3190 - Specific migration of bisphenols and bisphenol derivatives

Test Method: With reference to EN 13130-1:2004, analysis was performed by LC-MS/MS.

Simulant	Test Condition
	001
3% Acetic acid (W/V)	40 °C, 10 days

Test Item(s)	CAS No.	Limit	Unit(s)	RL	001		
3% Acetic acid (W/V)							
Migration times					First	Second	Third
Bisphenol A (BPA)	80-05-7	ND	µg/kg	1.0	ND	ND	ND
Bisphenol B (BPB)	77-40-7	ND	µg/kg	1.0	ND	ND	ND
Bisphenol S (BPS)	80-09-1	ND	µg/kg	1.0	ND	ND	ND
Bisphenol AF (BPAF)	1478-61-1	ND	µg/kg	1.0	ND	ND	ND
Tetrabromobisphenol A (TBBPA)	79-94-7	ND	µg/kg	1.0	ND	ND	ND
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	ND	µg/kg	1.0	ND	ND	ND
Bisphenol M (BPM)*	13595-25-0	ND	µg/kg	1.0	ND	ND	ND
Bisphenol A diglycidyl ether (BADGE)*	1675-54-3	ND	µg/kg	1.0	ND	ND	ND
Comment					Pass		



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Notes:

- (1) Test condition & simulant were specified by client.
- (2) *Substances under evaluation as endocrine disruptors by ECHA and are having the risk to be categorized as “endocrine disrupting” for human health under Part 3 of Annex VI to Regulation (EC) No 1272/2008. Bisphenol M is not listed as authorised substance in table 1 Annex I, Commission Regulation (EU) No 10/2011.
- (3) For single use articles, the compliance is based on the first migration result with measurement uncertainty according to (EU) 2025/351. For substances which limit is “Not Detected”, the non-compliance is based on the first migration result if it is detected without the inclusion of measurement uncertainty.
- (4) For repeated use articles, the compliance is based on the stability trend and the third migration result with measurement uncertainty according to (EU) 2025/351. For substances which limit is “Not Detected”, the non-compliance is based on the three migration test results if it is detected without the inclusion of measurement uncertainty.

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments and BfR recommendation - Volatile Organic Matter(VOM)

Test Method: With reference to BfR test method-Determination of volatile compounds in silicone consumer products (09/2023).
Test condition: 200°C, 4 hrs

Test Item(s)	Limit	Unit(s)	RL	001
Volatile organic matter (VOM)	0.5	%(w/w)	0.10	0.31
Comment				Pass

Notes:

- (1) %w/w =percentage of weight by weight

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments and BfR recommendation - Total Lead and Cadmium

Test Method: Acidic digestion, analysis was performed by ICP-OES.

Test Item(s)	Limit	Unit(s)	RL	001
Cadmium(Cd)	Absent	mg/kg	2	ND
Lead(Pb)	Absent	mg/kg	2	ND
Comment				Pass

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.



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Preostale strane ovog izveštaja izostavljene su radi zaštite privatnosti i poverljivih informacija o našim dobavljačima i proizvodnim partnerima.

Original test izveštaj sadrži kompletnu tehničku dokumentaciju i u celosti je dostupan akreditovanim institucijama, regulatornim telima i poslovnim partnerima na zahtev.

The remaining pages of this report have been omitted to protect the privacy and confidential information of our suppliers and manufacturing partners.

The complete original test report — including full technical documentation — is available to accredited institutions, regulatory bodies, and business partners upon request.