

# Test Report

Report No.: CTT2008032432EN

Date: Sep. 09, 2020

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Applicant:

Address:

Sample Received Date: Aug. 10, 2020

Completed Date: Sep. 09, 2020

The following merchandise was (were) submitted and identified on behalf of the applicant as:

Sample Name: Antibacterial silicone straw

Item No.: 6682

Buyer: MKTO

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

## Test Requested and Conclusion(s):

No.	Test Sample	Standard and Requirement	Conclusion(s)
1	Tested materials of submitted samples	German food, Articles of Daily Use and Feed Code (LFGB), section 30&31, and BfR Recommendations. - Peroxide residues - Extractable components - Total Platinum(Pt) Content	PASS
2	Tested materials of submitted samples	Volatile organic components	DATA

Signed for and on Behalf of CTT



Frank / Lab manager

Consumer Testing Technology Co., Ltd.

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**Test Result(s):**

Peroxide value

Method: With reference to 58th Communication on the testing of plastics, Bundesgesundheitsblatt 40 (1997) 412

Material No.	Description	Location
1	White silicone	Round tube

Material No.	Limit(mg/kg)	Result(mg/kg)	Conclusion
1	Absent	Absent	PASS

**Note:** 1. mg/kg = milligram per kilogram..

Extractable components

Method: With reference to 61st Communication on testing of plastics in Bundesgesundheitsblatt, Gesundheitsforschung, Gesundheitsschutz 46 (2003) 362.

Material No.	Description	Location
1	White silicone	Round tube

Material No.	Test Condition	Limit(%)	Result(%)	Conclusion
1	Distilled water, Refluxing, 5 hours	0.5	<0.1	PASS
	3% Acetic acid, Refluxing, 5 hours	0.5	<0.1	PASS
	10% Ethanol, Refluxing, 5 hours	0.5	<0.1	PASS

**Note:** 1. % = Percentage by weight.



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**Test Result(s):**

Total Platinum(Pt) Content

Method: Acid digestion, analyzed by Inductively Coupled Plasma Atomic Emission Spectrometer (ICP-AES).

Material No.	Description	Location
1	White silicone	Round tube

Material No.	Limit (mg/kg)	Result (mg/kg)	Conclusion
1	50	N.D.	PASS

- Note:**
1. mg/kg = milligram per kilogram (ppm).
  2. N.D. = Not Detected (< RL).
  3. RL (Reporting Limit) = 10 mg/kg.

Volatile organic components

Method: With reference to 61st Communication on testing of plastics in Bundesgesundheitsblatt, Gesundheitsforschung, Gesundheitsschutz 46 (2003) 362.

Material No.	Description	Location
2*	White silicone	Round tube

Material No.	Test Condition	Result(%)
2	70°C , 2 hours	<0.1

- Note:**
1. % = Percentage by weight.
  2. "\*" = The test sample(s) is received on Sep. 08, 2020.



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Photo of Sample:



\*\*\*End of Report\*\*\*

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