

Test Report

No.: CANHL23014459801

Date: Nov 27, 2023

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Client Name: GZ UTOP INDUSTRIAL CO., LTD

Client Address: 3 FLOOR,NO.78 RUOYA ROAD,GUOTANG,JIANGGAO TOWN,BAIYUN DISTRICT,GUANGZHOU,510460

Sample Description: 750ml lunch box

Item No.: 46066

Manufacturer: GZ UTOP INDUSTRIAL CO., LTD

Supplier: GZ UTOP INDUSTRIAL CO., LTD

Client Ref. Information: 750ml lunch box

Origin of the Product(s): China

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

SGS No.: GZHL2311041338CW

Sample Receiving Date: Nov 20, 2023

Testing Period: Nov 20, 2023 ~ Nov 27, 2023

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

Testing Performed: Follow selected test(s) as requested by client.

	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 - Colour release	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, (EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation and BfR recommendation - Overall migration	Pass

Kim Cai

Kim Cai

Approved Signatory

Scan to see the report



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Guangzhou Branch Technical Services Co., Ltd. Laboratory

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Test Result(s):

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	A1	CAN23-0144598-0001.C001	White plastic box	PP

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	Overall Migration
CAN23-0144598-0001.C001	4.9 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 - Colour release

Test Method: With reference to Kunststoffe im Lebensmittelverkehr, Part B II IX.

Simulant used	Limit	A1	Comment
Colour release in 2% acetic acid (W/W)	No colour release	Negative	Pass
Colour release in Coconut Oil	No colour release	Negative	Pass

Notes:

(1) Negative = No color release observed, Positive = Color release observed.

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, (EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation and BfR recommendation - Overall migration

Test Method: With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN 1186-1:2002 for selection of test methods; EN 1186-3:2022 Test methods for overall migration in evaporable simulants



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	Test Condition
	10% Ethanol(V/V)
A1	70°C, 2 hrs

Simulant used	Limit	Unit(s)	RL	A1 (1 st Migration)	A1 (2 nd Migration)	A1 (3 rd Migration)	Stability	Comment
10% Ethanol(V/V)	10	mg/dm ²	3.0	ND	ND	ND	Compliant	Pass

Notes:

- (1) Analytical tolerance of evaporable simulants is 2 mg/dm² or 12 mg/kg, analytical tolerance of olive oil simulant is 3 mg/dm² or 20 mg/kg.
- (2) Test condition & simulant were specified by client.
- (3) A material or article with overall migration result that exceeds the overall migration limit by an amount not exceeding the analytical tolerance, shall be deemed to be in compliance with the overall migration limit.
- (4) For repeated use, compliance of the material or article is verified on the basis of the level of the migration found in the third test and on the basis of the stability of the material or article from the first to the third migration test.

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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Sample Photo:



SGS authenticate the photo on original report only
*** End of Report ***



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