



# Test Report

Report No. A2240659286101

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**Company Name** NINGBO LANGCHI NEW MATERIAL TECHNOLOGY CO., LTD  
**shown on Report**  
**Address** NO. 59 LIXIN ROAD, ZONGHAN STREET, CIXI CITY, NINGBO

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

Sample Name	Food grade PUR tube
Part No.	8×5
Material	PUR
Color	transparent
Sample Received Date	Oct. 25, 2024
Testing Period	Oct. 25, 2024 to Nov. 1, 2024

**Test Conducted:**

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

**Test Conclusion**

The results of the test items shown on the report comply with the required limits of GB 4806.7-2023 National food safety standard Plastic materials and products for food contact.



Approved by

Hill Zheng

Technical Manager

Feb. 21, 2025

Date

No. T629896159

CTI Testing International Group Co., Ltd.

CTI Building, Xing Dong Community, Xin'an Sub-district, Bao'an District, Shenzhen City, Guangdong Province, P.R. China

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**Executive Summary:**

**TEST REQUEST**

GB 4806.7-2023 National food safety standard Plastic materials and products for food contact

- Sensory Requirements
- Overall migration
- Potassium permanganate wastage
- Heavy metal(as Pb)

**CONCLUSION**

**PASS**  
**PASS**  
**PASS**  
**PASS**

PASS (FAIL) means that the results shown on the report (do not) comply with the required limits.

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



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**GB 4806.7-2023 National food safety standard Plastic materials and products for food contact****▼ Sensory Requirements**

Test Method: GB 4806.7-2023

Test Item(s)	Result	MDL	Requirement	Unit
	001			
Sense	Normal color and luster, no foreign smell, no impurity	--	Normal color and luster, no foreign smell, no impurity	--
Immersion solution	The immersion solution that got from the migration test had no sensory deterioration such as turbidity, sedimentation or odor	--	The immersion solution that got from the migration test had no sensory deterioration such as turbidity, sedimentation or odor	--

**▼ Overall migration**

Test Method: GB 31604.8-2021

Food Simulant(s): 10% ethanol; Test Condition: 70℃, 2h;

Immersion Method: Total immersion method; Migration times: 3; Area-Volume Ratio(S/V): 6.0 dm<sup>2</sup>/L

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

**▼ Potassium permanganate wastage**

Test Method: GB 31604.2-2016

Food Simulant(s): Water; Test Condition: 60℃, 2h;

Immersion Method: Total immersion method; Migration times: 1; Area-Volume Ratio(S/V): 6.0 dm<sup>2</sup>/L

Test Item(s)	Result	MDL	Limit	Unit
	001			
Potassium permanganate wastage	1.5	1.0	≤10	mg/kg

**▼ Heavy metal(as Pb)**

Test Method: GB 31604.9-2016 The first method

Food Simulant(s): 4% acetic acid; Test Condition: 60℃, 2h;

Immersion Method: Total immersion method; Migration times: 1; Area-Volume Ratio(S/V): 6.0 dm<sup>2</sup>/L

Test Item(s)	Result	MDL	Limit	Unit
	001			
Lead (Pb)	<1	--	≤1	mg/kg

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Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- The result(s) of the test item "Immersion solution" is(are) based on the condition(s) of all immersion solution used during immersion test(s) in this report.

## Sample/Part Description

No.	CTI Sample ID	Description
1	001	Transparent plastic



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## Photo(s) of the sample(s)



### Statement:

1. This report is considered invalid without approved signature, special seal and the seal on the perforation;
2. The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant 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. 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 / CNAS-GL015:2022;
5. Without written approval of CTI, this report can't be reproduced except in full;
6. In case of any discrepancy between the English version and Chinese version of the testing reports (if generated), the Chinese version shall prevail.

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