

# Test Report

No.: 70.431.25.12305.01

Date: 2025-04-09



**Applicant:** CAOXIAN KANGYI WOOD PRODUCTS CO., LTD.  
**Address:** NO.35,DONGLOU VILLAGE,GUYINGJI TOWN,CAO COUNTY,HEZE CITY,SHANDONG PROVINCE  
**Product Name:** Bamboo Food Tray  
**Model No:** SMTPH2501  
**Order No.:** SMTPH-00225831  
**End Use:** Food Plating with Food Placed Directly on Tray  
**Buyer:** Eaglebiz  
**Manufacturer:** CAOXIAN KANGYI WOOD PRODUCTS CO., LTD.  
**Country of Origin:** China  
**Country of Destination:** Singapore  
**Receipt Date of Sample:** 2025-03-31  
**Date of Testing:** 2025-03-31 ~ 2025-04-09  
**Sample Submitted:** The sample(s) was (were) submitted by applicant and identified.  
**Test Result:** Refer to the data listed in following pages

| Test Item                                                                                                        | Conclusion |
|------------------------------------------------------------------------------------------------------------------|------------|
| 1. Germany-German Food & Feed Acts LFGB Section 31 and BfR Recommendation - Sensory Test                         | Pass       |
| 2. Germany - German Food & Feed Acts LFGB Section 30 and BfR Recommendation- Pentachlorophenol (PCP) Content     | Pass       |
| 3. Germany - German Food & Feed Acts LFGB Section 30 - Extractable Heavy Metals (Lead, Cadmium, Mercury)         | Pass       |
| 4. Germany - German Food & Feed Acts LFGB Section 30 and BfR Recommendation - Specific Migration of Formaldehyde | Pass       |

Remarks: 1. MDL = Method Detection Limit  
2. ND = Not Detected (<MDL)  
3. <= Less than  
4. 1 mg/kg = 1 ppm = 0.0001%

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TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch  
Testing Center

Prepared by:

Authorized by:



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Unless otherwise agreed upon, Pass or Fail verdicts are given based on the measured values without any considerations of measurement uncertainties. Please note, every test method has a measurement uncertainty which has been evaluated by the laboratory according to ISO/IEC 17025 requirements. By taking measurement uncertainties into account it might happen that measured values can neither be assessed as Pass nor as Fail.

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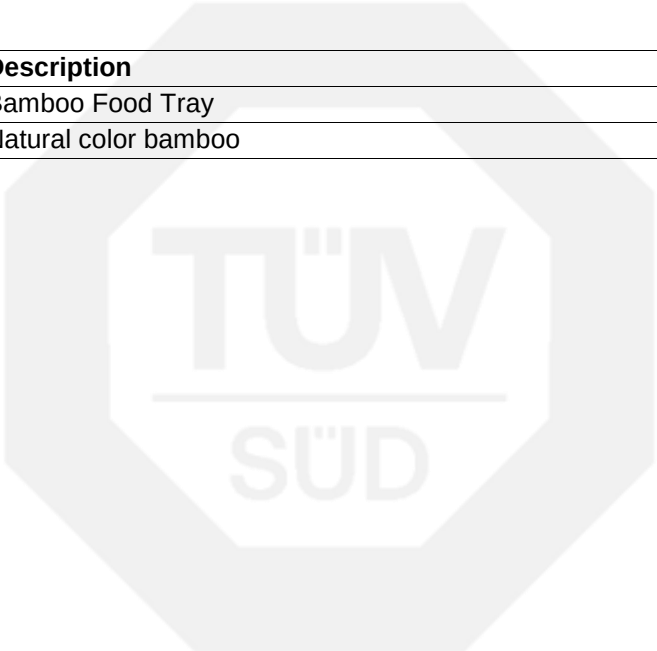
Date: 2025-04-09



## Description of Tested Subject:

| Sample | Description      | Photo                                                                              |
|--------|------------------|------------------------------------------------------------------------------------|
| 001    | Bamboo Food Tray |  |

| T. No | Sample | Description          |
|-------|--------|----------------------|
| T1    | 001    | Bamboo Food Tray     |
| T2    | 002    | Natural color bamboo |



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## Test Result(s):

### 1. Germany-German Food & Feed Acts LFGB Section 31 and BfR Recommendation -Sensory Test

Test with reference to DIN 10955:2024.

- Test condition: Cheese: 70°C2hours

| Sample(s) | Testing Parameter      | Grading Result(s) | Recommended Level | Conclusion |
|-----------|------------------------|-------------------|-------------------|------------|
| 001       | Transfer of appearance | 0                 | 3                 | Pass       |
|           | Transfer of taste      | 0                 | 3                 | Pass       |
|           | Transfer of smell      | 1                 | 3                 | Pass       |

Note: Available grading are listed as follow:

- Grading 0: No perceptible taste/smell deviation  
1: Just perceptible taste/smell deviation  
2: Weak taste/smell deviation  
3: Clear taste/smell deviation  
4: Strong taste/smell deviation

### 2. Germany - German Food & Feed Acts LFGB Section 30 and BfR Recommendation-Pentachlorophenol (PCP) Content

Test with reference to in-house method, followed by GC-MS.

| Parameter               | MDL [mg/kg] | Limit [mg/kg] | Result(s) [mg/kg] |
|-------------------------|-------------|---------------|-------------------|
|                         |             |               | 002               |
| Pentachlorophenol (PCP) | 0.05        | 0.05          | ND                |
| Conclusion              |             |               | Pass              |

### 3. Germany - German Food & Feed Acts LFGB Section 30 - Extractable Heavy Metals (Lead, Cadmium, Mercury)

Test with reference to EN 647:1993, determination by ICP-OES/ICP-MS.

- Test condition: Distilled water  
- Migration Ratio: 0.2500 L/ 1.4100 dm<sup>2</sup>

| Test Item(s) | Result(s) [mg/kg] | Limit [mg/kg] | Conclusion |
|--------------|-------------------|---------------|------------|
|              | 002               |               |            |
| Cadmium      | <0.1              | 0.5           | Pass       |
| Lead         | 0.0192            | 3             | Pass       |
| Mercury      | <0.001            | 0.3           | Pass       |



4. **Germany - German Food & Feed Acts LFGB Section 30 and BfR Recommendation - Specific Migration of Formaldehyde**

Test with reference to DD CEN/TS 13130-23:2005.

- Test condition: 3% Acetic acid 70°C2hours

| Test Item(s) | Result(s) [mg/kg] | Limit<br>[mg/kg] | Conclusion |
|--------------|-------------------|------------------|------------|
|              | 002               |                  |            |
| Formaldehyde | <3                | 15               | Pass       |

-End of Test Report-

