

Test Report No.: 68.431.22.5024.01

Dated: 2022-12-19



**Applicant** : .....

**Sample Description** : bamboo tray

**Style No. / Name / Design No.** : 9314 9315 9316

**Buyer** : Suprem inox,S.A.

**Supplier** :

**Manufacturer** :

**Country of Origin** : China

**Country of Destination** : Spain

**Test Sample Receipt Date, Location** : 2022-12-06, Shenzhen

**Test Period, Location** : From 2022-12-09 to 2022-12-19, Shenzhen

**Test Result(s)** : Refer to Section 3

Regd. Office:

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Lab 1 - Chemical testing and  
part of electrical testing

Building 12&13, Zhiheng Wisdomland Business Park, Guankou Erlu, Nantou, Nanshan District, Shenzhen, Guangdong, China

Lab 2 - Physical & mechanical  
testing

Building A2, Jin'ao Industrial Park, No. 150, Jingfang Road, Fuhai, Baoan District, Shenzhen, Guangdong, China

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**Purpose Of Examination / Conclusion:**

<b>Test Requested:</b>	<b>As specified by client, to test per the selected requirement(s) for the tested item(s) as stated in the German Food &amp; Feed Acts LFGB (§ 30 &amp; 31) and Regulation (EC) No.1935/2004</b>
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No.	Test Item(s)	Conclusion
1	<b>Specific Migration of Formaldehyde</b>	Pass
2	<b>Extractable of Heavy metals</b>	Pass
3	<b>Pentachlorophenol (PCP)</b>	Pass

Remarks:

- (1) The results relate only to the items tested.
- (2) Samples are tested as received.
- (3) The test items and samples were specified by the client
- (4) "Pass" means the measured result is within a limit, even when extended by expanded uncertainty. "Fail" means the measured result is beyond a limit, even when extended by expanded uncertainty. "Inconclusive" means the measured result can be within or beyond a limit when extended by expanded uncertainty. The confidence level of the expanded uncertainty for "Pass", "Fail" and "Inconclusive" is 95%.

TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch  
TÜV SÜD Group

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Senior Project Coordinator

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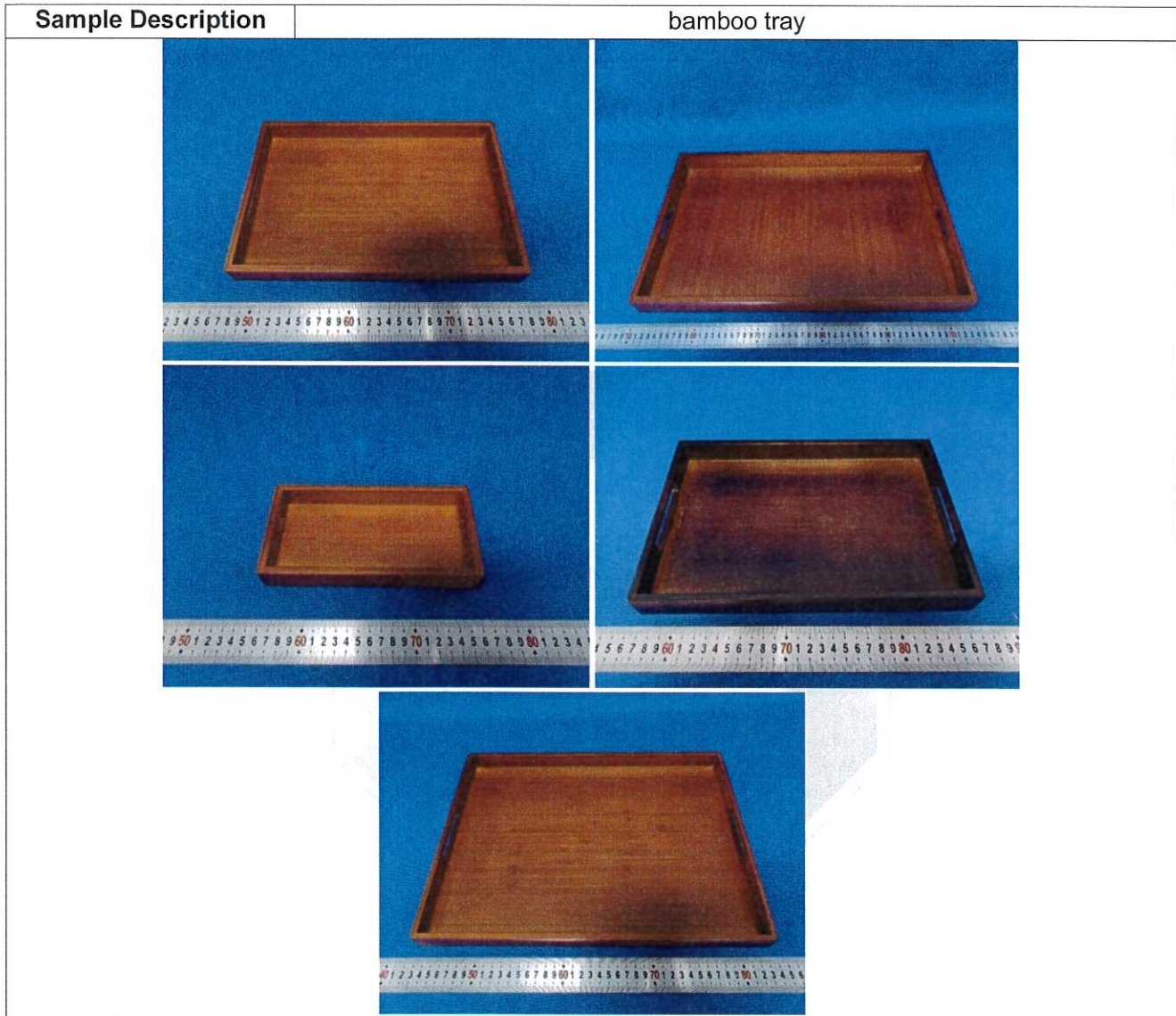
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1. Description of the Test Sample:



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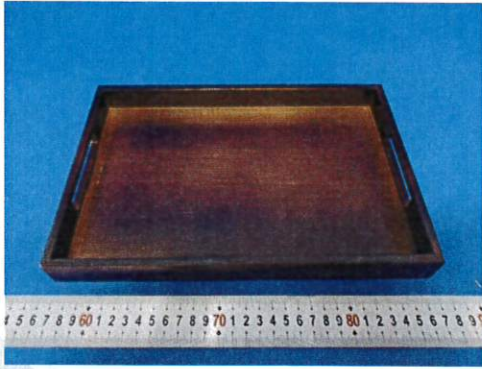
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2. List of Materials as identified by the Laboratory:

T. No.	Sample No.	Colour and Description	Photograph
T1	001	Beige bamboo (Tray)	
T2	002	Beige bamboo with dark brown coating (Tray)	

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**3. Test Result**

**3.1 Specific Migration of Formaldehyde**

Test method: with reference to EN 13130-1:2004 and CEN/TS 13130-23:2005, followed by Ultraviolet and visible spectrophotometry (UV-Vis).

Test Conditions: 3% Acetic Acid: 70 °C for 2 Hours

TEST ITEM	RESULT [mg/kg foodstuff]	Reporting limit [mg/kg]	LIMIT [mg/kg]
	SAMPLE 002 3 <sup>rd</sup> Migration		
Formaldehyde	ND	<5.0	15
<b>Conclusion:</b>	Pass	--	--

Note 1. "°C" denotes degree Celsius

2. "<" denotes less than

3. "mg/kg" denotes milligram per kilogram

4. "ND" denotes below the Reporting limit

5. The specification was quoted from French Notice Information n° 2012-93

**3.2 Extractable of Heavy metals**

Test method: Sample preparation with reference to EN647:1993, EN 12497:2005 and EN 12498:2018.

Test Conditions: Distilled water at 80 °C for 2 Hours

TEST ITEM	UNIT	RESULTS	MAXIMUM PERMISSIBLE LIMIT
		SAMPLE 002	
Lead (Pb)	mg/kg	<0.1	3
Cadmium (Cd)	mg/kg	<0.1	0.5
Mercury (Hg)	mg/kg	<0.1	0.3
<b>Conclusion</b>		Pass	-

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### 3.3 Pentachlorophenol (PCP)

Test method: in-house method, solvent extraction with potassium hydroxide, followed by derivatization and GC-ECD analysis.

TEST ITEM	RESULTS [mg/kg]	MAXIMUM PERMISSIBLE LIMIT [mg/kg]
	SAMPLE 001	
Pentachlorophenol	<0.05	≤0.1
Conclusion	Pass	-

Note 1. "<" denotes less than

2. "mg/kg" denotes milligram per kilogram

3. The specification was quoted from French Notice Information n° 2012-93

-- END OF TEST REPORT--

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