



Test Report

No. VNHL2512041893HG-01

Date: January 14, 2026

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This report cancels and supersedes the report No. VNHL2512041893HG dated January 07, 2026 issued by SGS Vietnam

BRANCH HOANG THONG WOOD CO., LTD

LOT 2D3, 2D4, CN3, CN8 AND CN10 STREET, TAN BINH INDUSTRIAL PARK, VINH TAN WARD,
HO CHI MINH CITY, VIETNAM

The following sample(s) was/were submitted and identified by the client as:

SGS Job No.	: VNHL2512041893HG-01
Sample Description	: WORKTOP RUBBERWOOD
Color	: WHITE
Characteristic	: WOOD
Date of Production	: 12/10/2025
Manufacturer	: BRANCH HOANG THONG WOOD CO., LTD
Country of Origin	: VIET NAM
Country of Destination	: EUROPEAN COUNTRIES

As above information is provided and confirmed by the applicant. SGS is not liable to the accuracy, suitability, reliability or/and integrity of the information.

Sample Receiving Date	: DECEMBER 19, 2025
Final Confirmed Date	: DECEMBER 19, 2025
Testing Period	: DECEMBER 19, 2025 TO JANUARY 07, 2026
Test Requested	: PLEASE REFER TO THE RESULT SUMMARY.
Test Results	: PLEASE REFER TO NEXT PAGE(S).

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Result Summary

:

Test Requested	Conclusion
Pentachlorophenol (PCP) content	See result
Determination of Pesticides content(s) in the submitted sample(s) with reference to Commission Regulation (EU) 2019/1021 on persistent organic pollutants	PASS
Formaldehyde Content	See result
ISO 12460-4:2016 – Determination of the emission of formaldehyde from building board by desiccator method	See result
US Model Toxics in Packaging Legislation (TPCH: Toxics in Packaging Clearing House) – Total Lead, Cadmium, Mercury and Hexavalent Chromium content in the specified specimen(s) as listed	PASS
Density	See result
Moisture content	See result
Bending properties	See result
Bonding quality	PASS

Signed for and on behalf of
SGS Vietnam LTD



Ung Thanh Van
Hardline SBU Manager

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Test Result:

Pentachlorophenol (PCP) content

Test method: With reference to LFGB § 64 BVL B82.02.8, analysis was performed by GC-MS

Test item(s)	Result (mg/kg)	Reporting Limit (mg/kg)
	1	
Pentachlorophenol (PCP) content	ND	0.5
Conclusion	PASS	---

Sample description:

1. LIGHT YELLOW RUBBER WOOD

Note: 1. mg/kg = milligram per kilogram of foodstuff in contact with
2. ND = Not Detected

Regulation (EU) 2019/1021 Persistent organic pollutants (POPs) Recast Regulation - Hexachlorobenzene

Test Method: With reference to EN 17137:2018. Analysis was conducted by GC-MS with confirmation.

Test Item(s)	CAS No.	Result (mg/kg)	Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
		1		
Hexachlorobenzene	118-74-1	ND	0.1	10
Conclusion	--	PASS	--	--

Sample Description:

1. LIGHT YELLOW RUBBER WOOD

Note: 1. mg/kg = milligram(s) per kilogram= ppm= part(s) per million, 0.1wt% = 1000ppm
2. ND = Not Detected

Formaldehyde Content

Test method: With reference to EN 717-3:1996. Analysis was performed by UV-VIS.

Test Item	CAS No.	Result (mg/kg)	Reporting Limit (mg/kg)
		1	
Formaldehyde	50-00-0	ND	5.0

Sample Description:

1. LIGHT YELLOW RUBBER WOOD

Note: 1. mg/kg = milligram(s) per kilogram= ppm= part(s) per million; 1% = 10000 mg/kg =10000 ppm
2. ND = Not Detected

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ISO 12460-4:2016 – Determination of the emission of formaldehyde from building board by desiccator method

Method: With reference to ISO 12460-4:2016. Analysis was performed with UV/VIS Spectrometry.

Test Item	Trial	S (cm ²)	Result (mg/L)	Reporting Limit (mg/L)
			1	
Formaldehyde content	1	1778	ND	0.15
	2	1778		

Sample Description:

1 LIGHT YELLOW RUBBER WOOD

Note: 1. mg/L = milligram(s) per liter
2. ND = Not Detected
3. S = Surface area of test piece (cm²)

US Model Toxics in Packaging Legislation (TPCH: Toxics in Packaging Clearing House) – Total Lead, Cadmium, Mercury and Hexavalent Chromium content

Test Method: In house method. Analysis of Lead, Cadmium and Mercury were performed by ICP-OES. Analysis of Chromium VI was performed by UV-Vis

Test Item	Result (mg/kg)		Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
	2	3		
Lead (Pb)	ND	6	5	--
Cadmium (Cd)	ND	ND	5	--
Mercury (Hg)	ND	ND	5	--
Hexavalent Chromium (Cr VI)	ND	ND(#)	5	--
Total	ND	6	--	≤ 100
Comment	PASS	PASS	--	--

Sample Description:

2 TRANSPARENT PLASTIC

3 BROWN CARTON

Note 1. mg/kg = milligram(s) per kilogram= ppm= part(s) per million; 1% = 10000ppm (mg/kg)
2. ND = Not Detected
3. (#) The result of Hexavalent chromium (Cr(VI)) is considered as “Not Detected” since the total chromium content determined by acid digestion is “Not Detected”.
4. The TPCH legislation for total lead, cadmium, mercury and hexavalent chromium Cr(VI) has been enacted by California, Connecticut, Florida, Georgia, Illinois, Iowa, Maine, Maryland, Minnesota, Missouri, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, Virginia, Washington and Wisconsin.

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Characteristic	Unit	Test method	Test result
			1
1. Density	kg/m ³	BS EN 323 : 1993	655
2. Moisture content	%	BS EN 322 : 1993	9.2
3. Bending properties ^(a)			
• Bending strength	N/mm ²	EN 789 : 2004	47.4
• Modulus of elasticity	N/mm ²		11348
4. Bonding quality ^(b) (Shear strength)			
• Mean shear strength (f_v)	N/mm ²	EN 13353 : 2022 – Class SWP/1 Dry conditions & EN 13354 : 2008	5.36
• Mean cohesive wood failure percentage	%		60
• The lower 5-percentile of the shear strength ($L_{q5} \%$)	N/mm ²	calculated in accordance with EN 326-1:1994	4.43
• Remark		EN 13353 : 2022 (Single layer solid wood panel)	Comply
Requirements: - The lower 5-percentile of the shear strength, calculated in accordance with EN 326-1, shall not be less than 2.5 N/mm². - The mean wood failure percentage of each panel shall be more than 40 % except if the density is more than 600 kg/m³.			

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Test details: Bonding quality

Specimen No.	<i>l</i>	<i>b</i>	<i>F</i>	<i>f_v</i>	Wood failure
	(mm)	(mm)	(N)	(N/mm ²)	(%)
1	26.35	24.78	3421	5.24	50
2	26.64	25.84	3755	5.45	40
3	26.68	25.81	4466	6.49	70
4	26.28	25.47	3170	4.74	50
5	26.55	25.43	3285	4.87	50
6	26.45	25.18	3834	5.76	80
7	26.13	25.51	3419	5.13	50
8	26.42	25.48	3359	4.99	80
9	26.48	25.17	3731	5.60	30
10	26.58	25.03	3555	5.34	80
Average	26.46	25.37	3600	5.36	60

Note: *l*: shear length; *b*: shear width; *F*: maximum load; *f_v*: shear strength.

Sample Description:

1 LIGHT YELLOW RUBBER WOOD

- Note
1. Lab environmental conditions: (20 ± 2) °C & (65 ± 5) %RH.
 2. (a) Span: 1100 mm. Test speed: 8 mm/min.
 3. (b) Test speed: 1.5 mm/min.
- SWP/1 Dry conditions: Pre-treatment 1: 24 h in water (20 ± 3) °C.

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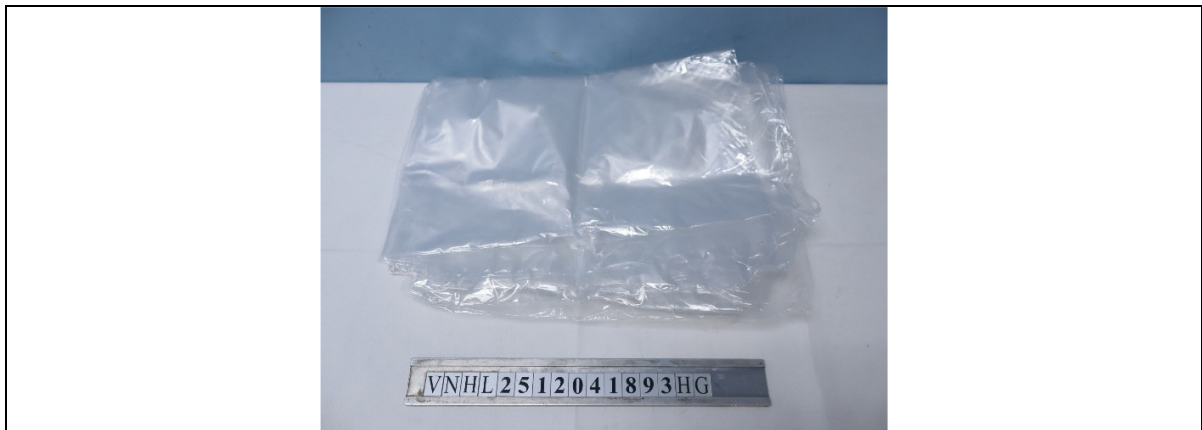
PHOTO OF SUBMITTED SAMPLE FOR TESTING



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REPORT RESULTS REFER TO SUBMITTED SAMPLE(S) ONLY

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

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