

Report No.: 244491302a2 001

Page 1 of 5

Client: WAYFAIR LLC

Contact Information: Room 702, No.1, Huamao Headquarters, Southern Business District, Yinzhou District, Ningbo, Zhejiang, China

Vendor's name: NINGBO JIANGBEI FUFU ELECTRONIC COMMERCE CO LTD

Buyer's name: WAYFAIR

**Identification/
Model No(s):** 福建九家木板

Condition at delivery: Test item complete and undamaged.

Sample Receiving date: 2023-01-30

Testing Period: 2023-01-30 to 2023-02-08

Place of testing: Chemical laboratory Shanghai

Test Specification:

Test result:

Customer's requirement:

1. Formaldehyde content - ASTM D6007-14

PASS

Other information:

Country of Destination: US

For and on behalf of
TÜV Rheinland (Shanghai) Co., Ltd.

2023-02-08

Eric Xu / Project Engineer

Date

Name/Position

Sample information is provided by customer. Test result is drawn according to the kind and extent of tests performed.
This test report relates to the above mentioned test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.
"Decision Rule" document announced in our website (<https://www.tuv.com/landingpage/en/qm-gcn/>) describes the statement of conformity and its rule of enforcement for test results are applicable throughout this test report.

Material List:

Item: 福建九家木板

Material No.	Material	Color	Location
M001	MDF	natural	refer to photo

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1. Formaldehyde emission

Test Method: ASTM D6007-14 Standard Test Method for Determining Formaldehyde Concentration in Air from Wood Products Using a Small Scale Chamber

Test Parameter:

The test pieces was tested with:
 Standard face and back configuration
 Nonstandard sample configuration with single surface exposed
 Combination testing

Sample description:

Product name	福建九家木板
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Edges were sealed if their air was greater than 5% of the exposed test sample surface. Samples were analysed for the determination of product groups.

Sample conditioning:

Average temperature	24.2	°C
Average relative humidity	50	%
Time	7	days
Formaldehyde background concentration	<0.02	ppm

Sample testing:

Chamber volume	1	m ³
Loading (L)	0.26	m ² /m ³
Q/A ratio	1.905	m/h
Average temperature	24.1	°C
Average relative humidity	50	%
Duration	168	h
Formaldehyde background concentration of air in chamber prior to test	<0.02	ppm
Formaldehyde concentration of make-up air	<0.02	ppm
Air-sampling rate	1	L/min
Length of sampling time	60	min

Test Result :

Test No.	Material No.	Test Parameter	Unit	RL	Test Result	Conclusion
T001	M001	Formaldehyde Emission	ppm	0.02	0.03	Pass

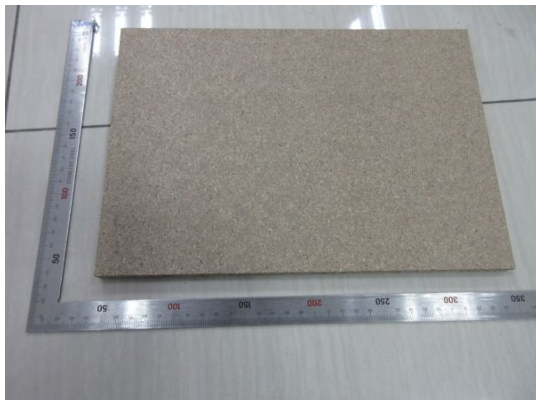
Abbreviation: RL = Reporting Limit
 ppm = parts per million
 % = percentage
 h = hour
 L/min = liter per minute
 °C = degree Celsius
 m³ = cubic meters
 m²/m³ = square meters per cubic meter
 m/h = meter per hour

Remark:

*1. The Maximum Permissible Limit according to Section 93120.2, Title 17, California Code of Regulation:

Phase 2 of Formaldehyde Emission concentration for Hardwood Plywood(HWPW), Particleboard(PB) and Medium Density Fiberboard(MDF)					
Material type	HWPW-VC	HWPW-CC	PB	MDF	Thin MDF
Concentration(ppm)	0.05	0.05	0.09	0.11	0.13

Sample Photo



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