



Test Report

Report No. CFT-2024032903EN

Sample Name: HWPW-VC

Applicant: Siyang County Yaou Wood Industry Co., Ltd.

Test Type: Surveillance test

CFT Inspection and Testing Center
National Forestry and Grassland National Forest Reserves
Engineering Technology Research Center



CFT CORPORATION

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Precautions

1. Test report is invalid if not affixed with authorized stamp of test or paging seal.
2. The test report is invalid without the corresponding signatures.
3. Test report is invalid only if being supplemented, deleted or altered.
4. Unless otherwise stated, the results shown in this test report are responsible for the delivered sample(s).
5. Objections to the test report must be submitted to CFT within 15 days of report received date.
6. The test applicant is responsible for authenticity of sample information which not subject to verification of CFT.

ZHONGGUO IN TEST

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CFT CORPORATION

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Applicant : Siyang County Yaou Wood Industry Co., Ltd.
Address : No.88, Nanliuji National Pioneer Park, Siyang County, Suqian City, Jiangsu Province, China
Sample description : The samples received were HWPW-VC. There are 3 test groups in total and each test group consists of 3 samples. The dimension specification of sample is 250×150×12 (mm). The samples are sent to CFT by the applicant, and the package is complete and in good condition.
Manufacturer : Siyang County Yaou Wood Industry Co., Ltd.
Country of origin : No.88, Nanliuji National Pioneer Park, Siyang County, Suqian City, Jiangsu Province, China

The above samples and information are provided and confirmed by the applicant, and CFT is not responsible for verifying the accuracy, appropriateness, reliability and / or integrity of the information provided by the applicant.

Sample No. : 2024032903A1-A9
Date of Sample Received : March 29, 2024
Testing Period : April 2, 2024~ April 9, 2024
Test Results : Please refer to next page(s).

Result Summary :

Test Requested	Conclusion
EPA 40 CFR Part 770 & CARB ATCM — Formaldehyde Emission-EPA TSCA Title VI / CARB P2	Pass

Note: The applicable decision rules of this test are: IEC Guide 115: 2007 Procedure 2 - Accuracy method, do not subject to measurement uncertainty.

Compile:

Joy

Verify:

Juan Wang

Approve:

Jay Lee



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Test Results

EPA 40 CFR Part 770 & CARB ATCM — Formaldehyde Emission

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

Test Item(s)	Limit	Unit	Sample No.	Test Results	Average Value
Formaldehyde emission	≤ 0.05	ppm	2024032903A1-A3	0.022	0.027
			2024032903A4-A6	0.016	
			2024032903A7-A9	0.043	

Note:

- (1) The formaldehyde emission value is corrected to the standard value wherein relative humidity is 50% and temperature is 25°C.
- (2) The formaldehyde emission value refers to the limit value in the U.S. Federal Act 40 CFR Part 770 (EPA TSCA Title VI) Section 770.10(b) and the California Air Resources Board ATCM Regulation 93120.2 Table 1 Phase 2.
- (3) The test process parameters are shown in the table below:

Face and back configuration testing: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			Surface coated: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Single <input type="checkbox"/> Double-side <input type="checkbox"/>		
Sample production date	2024-3-12	Sample batch number	2024031312	Date of sampling	2024-3-25
Sample time (min)		30	Sample quantity (Group)		3
Sample exposed area (m²)		0.225	Sample conditioning time (h)		168
Sample conditioning temperature(°C)		23-26	Sample conditioning relative humidity (%)		46-54
Sample conditioning formaldehyde background concentration (ppm)					0.014
Sample No.		2024032903A1-A3	2024032903A4-A6	2024032903A7-A9	
Dimension specification of sample (mm)		250×150×12	250×150×12	250×150×12	
Chamber size (m)		0.7×0.4×0.6	0.7×0.4×0.6	0.7×0.4×0.6	
Chamber volume (m³)		0.168	0.168	0.168	
Test average temperature (°C)		24.6	24.8	25.5	
Test average relative humidity (%)		50.0	50.0	49.8	
Chamber Q/A Ratio ((m³/h)/m²)		1.171	1.173	1.173	
Air-sampling rate (L/min)		1.00	1.01	1.00	
Background concentration of formaldehyde in the chamber before test (ppm)		0.006	0.008	0.005	

----- Report End -----