

Total Volatile Organic Compounds (TVOC)

English Reference Translation

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Prepared: 15 October 2026

Test Report

Report No.: A2250285730104001C

Field	Information
Company	Hubei Kaijie New Environmental Protection Materials Co., Ltd.
Address	Park Road 2, Economic Development Zone, Yuyue Town, Jiayu County, Xianning City, Hubei Province, China
Sample	Prefabricated wall panel
Control No.	S360271746
Accreditation marks	CMA 210900341277; CNAS L5541; ilac-MRA
Date received	2025.04.29
Test period	2025.04.29-2025.05.15
Approved by	Zhou Hongxia, Authorized Signatory
Approval date	2025.05.15

The samples and sample information below were supplied and confirmed by the applicant. Tests were performed as requested by the client; see subsequent pages for the requirements.

Shanghai CTI Product Standard Testing Co., Ltd. | No. 1351 Wanfang Road, Minhang District, Shanghai, China

Test Summary

Requirement / item	Result
JG/T 579-2021, Prefabricated integrated wall surfaces for buildings - total volatile organic compounds (TVOC)	Conforms
GB/T 33284-2016, Interior decoration materials - limits of harmful substances in unplasticized polyvinyl chloride (PVC-U) profiles for doors and windows - vinyl chloride monomer	Conforms

Conforms (does not conform) means the result meets (does not meet) the specified limit. Detailed results follow.

Test Results

1. JG/T 579-2021: TVOC. Method: HJ 571-2010, Appendix A. Instrument: GC-MS.

Item	Result (001)	Detection limit	Limit	Unit
TVOC	N.D.	0.05	0.50	mg/(m ² .h), at 72 h

N.D. = not detected (below the method detection limit). According to the client, the sample is classified as other integrated wall panels - bamboo (wood)-plastic, for harmful-substance limits.

2. GB/T 33284-2016: vinyl chloride monomer. Method: GB/T 4615-2013. Instrument: HS-GC-FID.

Item	Result (001)	Detection limit	Limit	Unit
Vinyl chloride monomer	N.D.	0.1	<=5	mg/kg

N.D. = not detected (below the method detection limit). mg/kg = ppm = parts per million. Sample No. 1; CTI ID 001; white plastic with a pale-yellow film.

Sample Photograph and Declarations

See the complete attached source for sample photographs, signatures and seals.

1. The report is invalid without the approver's signature, the special seal and the seal across the page edges.
2. The company name and address, samples and sample information were supplied by the applicant, who is responsible for their authenticity. CTI has not verified their authenticity.
3. The test results apply only to the samples tested.
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检测报告

报告编号 A2250285730104001C

第 1 页 共 4 页

报告抬头公司名称 湖北开杰新型环保材料有限公司
地 址 湖北省咸宁市嘉鱼县鱼岳镇经济开发区园区二路

以下测试之样品及样品信息由申请者提供并确认

样品名称 装配式墙板
样品接收日期 2025.04.29
样品检测日期 2025.04.29-2025.05.15

测试内容:

根据客户的申请要求, 具体要求详见下一页。



批 准

周 红 霞

日 期

2025.05.15

周红霞
授权签字人



上海华测品标检测技术有限公司

No. S360271746

上海市闵行区万芳路 1351 号

检测报告

报告编号 A2250285730104001C 第 2 页 共 4 页

测试摘要:

测试要求

- 1. JG/T 579-2021 建筑装配式集成墙面
 - 总挥发性有机化合物(TVOC)
- 2. GB/T 33284-2016 室内装饰装修材料 门、窗用未增塑 聚氯乙烯(PVC-U)型材有害物质限量
 - 氯乙烯单体

测试结果

符合

符合

符合(不符合)表示检测结果满足(不满足)限值要求。

*****详细结果，请见下页*****



检测报告

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1. JG/T 579-2021 建筑装配式集成墙面

▼总挥发性有机化合物(TVOC)

测试方法：HJ 571-2010 附录 A；测试仪器：GC-MS

测试项目	结果	方法检出限	限值	单位
	001			
总挥发性有机化合物(TVOC)	N.D.	0.05	0.50	mg/(m²·h)(72h)

备注：
- N.D. = 未检出 (小于方法检出限)
- 根据客户声明，送测产品为其他集成墙面板有害物质限量-竹（木）塑。

2. GB/T 33284-2016 室内装饰装修材料 门、窗用未增塑 聚氯乙烯(PVC-U)型材有害物质限量

▼氯乙烯单体

测试方法：GB/T 4615-2013；测试仪器：HS-GC-FID

测试项目	结果	方法检出限	限值	单位
	001			
氯乙烯单体	N.D.	0.1	≤5	mg/kg

备注：
- N.D. = 未检出 (小于方法检出限)
- mg/kg = ppm = 百万分之一

样品/部位描述

序号	CTI 样品 ID	描述
1	001	白色塑料带淡黄色膜



检测报告

报告编号 A2250285730104001C

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样品图片



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5. 未经 CTI 书面同意, 不得部分复制本报告。

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