



广微测  
Gmicro Testing



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中国认可  
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推荐实验室

## 广东省微生物分析检测中心

GUANGDONG DETECTION CENTER OF MICROBIOLOGY

# 分析检测报告

REPORT FOR ANALYSIS

报告编号

2023FM05459R01D

Report №.

样品名称

光净化板材

Name of Sample

Photocatalytic purification board

委托单位

耒阳市钛唐科技有限公司

Applicant

Leiyang Taitang Nano Science & Technology Co., Ltd.

检测类型

委托检测  
Entrustment Test

Test Type

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广东省微生物分析检测中心

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分析检测报告

REPORT FOR ANALYSIS



报告编号 (Report No.) 2023FM05459R01D 校验码 (Verification Code): 49503271

样品名称 Name of Sample	光净化板材 Photocatalytic purification board	检测类型 Test Type	委托检测 Entrustment Test
委托单位 Applicant	耒阳市钛唐科技有限公司 Leiyang Taitang Nano Science & Technology Co., Ltd.	地址 Address	广州市天河区科华街 511 号地化所综合楼 908 室 Room 908, Complex Building, Institute of Geochemistry Chinese Academy of Sciences, Kehua Street 511, Tianhe District, Guangzhou
样品来源 Sample Source	委托方送检 Submitted for Testing by the Applicant	样品数量 Sample Quantity	6 片 Six pieces
样品规格和批号 Spec and Lot No of Sample	500*500	样品状态和特性 State and Characteristic	片状 Flaky
接样日期 Sample Received Date	2023-03-27	检测完成日期 Completion Date	2023-04-10
检测项目 Item Tested	抗菌性能 Antimicrobial test		
检测依据和方法 Test Standard and Method	GB/T 23763-2009		
检测结论 Test Conclusion	<p>该样品所检项目的实测数据见本检测报告续页。 The test data of the sample(s) is attached to the page(s) of this report.</p> <p>签发日期: 2023-04-12 Issue Date: 2023-04-12</p> <p>机构盖章 Official Seal</p>		
备注 Remarks	<p>生产厂家: 耒阳市钛唐科技有限公司。(由委托方提供) Manufacturer: Leiyang Taitang Nano Science &amp; Technology Co., Ltd. (provided by the applicant)</p>		



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广东省微生物分析检测中心

GUANGDONG DETECTION CENTER OF MICROBIOLOGY

分析检测结果

ANALYSIS AND TEST RESULT

报告编号 (Report No.): 2023FM05459R01D

测试微生物 The test microorganism	标准空白对照样本“0”接触时间的活菌数 The number of bacteria recovered from the inoculated treated test specimen after inoculation(at “0” contact time) (cfu/piece)	明条件下对照样片经培养24h后的活菌数 Average of the number of viable cells of bacteria on the untreated test piece after 24h under photoirradiation (cfu/piece)	明条件下光催化样片经培养24h后的活菌数 Average of the number of viable cells of bacteria on the treated piece after 24h under photoirradiation (cfu/piece)	暗条件下光催化样片经培养24h后的活菌数 Average of the number of viable cells of bacteria on the treated piece after 24h without photoirradiation (cfu/piece)	抗(细)菌率 R <sub>总</sub> Anti-bacterial rate R <sub>Total</sub> (%)	抗菌贡献值 R <sub>光</sub> Anti-bacterial contribution value R <sub>light</sub> (%)
金黄色葡萄球菌 ( <i>Staphylococcus aureus</i> ) AS 1.89 等同 ATCC 6538P	1.9×10 <sup>5</sup>	1.4×10 <sup>7</sup>	<20	<20	>99	0

(以下空白 Blank below)

备注  
Remarks

实验光照强度为 0.1mW/cm<sup>2</sup>。  
The experimental illumination intensity is 0.1mW/cm<sup>2</sup>.





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