



广微测  
Gmicro Testing



2015191236Q



中国认可  
国际互认  
检测  
TESTING  
CNAS L1747

## 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

Report No.

2018FM05834R01D

样品名称

Name of Sample

铜碳® (COPPPWARE®) 纳米铜-碳复合材料

委托单位

Applicant

苏州冠洁纳米抗菌涂料科技有限公司  
Suzhou Guanjie Nano Anti-bacterial Coating  
Technology Co., Ltd

检测类型

Test Type

委托检测  
Entrustment Test

单位地址: 广州市先烈中路 100 号大院 59 号楼

Address: Building 59, No.100 Central Xian Lie Road, Guangzhou, China

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报告编号 (Report No.) 2018FM05834R01D 校验码 (Verification Code): 63175094

样品名称 Name of Sample	铜碳® (COPWARE®) 纳米铜-碳复合材料	检测类型 Test Type	委托检测 Entrustment Test
委托单位 Applicant	苏州冠洁纳米抗菌涂料科技有限公司 Suzhou Guanjie Nano Anti-bacterial Coating Technology Co., Ltd	地址 Address	苏州市工业园区新泽路 80 号 No.80, Xinze Road, Suzhou Industrial Park
样品来源 Sample Source	委托方送检 Submitted for Testing by the Applicant	样品数量 Sample Quantity	5g
样品规格和批号 Spec and Lot No of Sample	CCu2000WF	样品状态和特性 State and Characteristic	黑褐色, 粉末 Dark brown, Pulverous
接样日期 Sample Received Date	2018-06-19	检测完成日期 Completion Date	2018-07-12
检测依据和方法 Test Standard and Method	ASTM E 2149-13a 动态条件下的抗菌剂活性测定 ASTM E 2149-13a		
检测项目 Item Tested	抗菌性能 Antimicrobial test		
检测结论 Test Conclusion	该样品所检项目的实测数据见本检测报告附页。 The test data of the sample(s) is attached to the page(s) of this report.  <div>签发日期: 2018-07-24 Issue Date: 2018-07-24 机构盖章 Official Seal 检验检测专用章</div>		
备注 Remarks	生产厂家: 襄阳冠立微纳材料科技有限公司。(由委托方提供)		

制表: 邱婉仪  
Editor

审核: 孙延丽  
Verifier

批准: 叶保  
Approver





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### 分析检测结果

ANALYSIS AND TEST RESULT

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测试微生物 The tested organism	只接种细菌的 瓶内“0”接触 细菌浓度 Only inoculated bacteria in the bottle "0"Contact bacterial concentration (cfu/mL)	指定接触 24 小时 后只接种细菌 瓶内的细菌浓度 CFU per milliliter for the “inoculum only” flask after 24h contact time (cfu/mL)	抗菌处理试验 接触 24 小时之后 瓶内的细菌浓度 CFU per milliliter for the flask containing the treated substrate after 24h contact time (cfu/mL)	细菌减少率 Bacterial lessen rate (%)
副溶血性弧菌 ( <i>Vibrio parahaemolyticus</i> ) ATCC 17802	$3.0 \times 10^5$	$2.8 \times 10^6$	2	99.99
迟钝爱德华菌 ( <i>Edwardsiella tarda</i> ) ATCC 15947	$1.6 \times 10^5$	$2.6 \times 10^6$	24	99.99
无乳链球菌 ( <i>Streptococcus agalactiae</i> ) CMAA(B)32116	$2.6 \times 10^5$	$3.6 \times 10^5$	1	99.99
嗜水气单胞菌 ( <i>Aeromonas hydrophila</i> ) ATCC 35654	$3.3 \times 10^5$	$3.0 \times 10^6$	24	99.99
荧光假单胞菌 ( <i>Pseudomonas fluorescens</i> ) ATCC 49642	$4.2 \times 10^5$	$4.0 \times 10^6$	$7.4 \times 10^3$	99.82
(以下空白 Blank below)				
备注 Remarks	样品处理: 根据委托方要求, 称取 3.0g 到 2997mL 水中溶解。 Sample handling: According to applicant's request, weigh 3.0g to 2997mL water to dissolve.			

分析  
专用





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## 注意事项 Notice Items

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