



# 检测报告

报告编号: SHF21060358-01

日期: 2021年07月09日

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委托单位: 福建瑞森新材料股份有限公司

地址: 福建省龙岩市漳平市工业园区(和安小区)

## 样品信息:

样品名称 : 纳米银抗菌粉体  
商标 : /  
样品型号/规格 : /  
等级 : /  
加工批号/日期 : 20210618/2021-06-18  
标称执行标准 : /  
样品数量 : 50g  
样品状态 : 粉末  
标称生产企业 : /  
标称生产企业地址 : /

以上样品及信息由客户提供及确认。ICAS 不负责样品的真伪性, 不承担证实客户提供信息的准确性、适当性和(或)完整性责任。

样品编号 : F21060358-01  
样品接收日期 : 2021-06-21  
样品检测日期 : 2021-06-21 至 2021-07-09

## 检测内容:

检测项目 : 请参见下页  
判定依据 : 请参见下页  
检测结论 : 请参见下页

编制

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## 抗菌性能

检测方法	GB/T 21510-2008 纳米无机材料抗菌性能测试-振荡法
测试样	纳米银抗菌粉体
试验菌种及编号	大肠杆菌 ATCC 25922、金黄色葡萄球菌 ATCC 6538、白色念珠菌 ATCC 10231
菌液浓度	大肠杆菌 $5.0 \times 10^5$ CFU/mL、金黄色葡萄球菌 $4.2 \times 10^5$ CFU/mL、白色念珠菌 $7.5 \times 10^5$ CFU/mL
接触时间	24 h

## 检测结果:

试验菌种	对对照样“0hr”洗脱 菌落平均数 $A_0$ (CFU/mL)	对对照样“6 hr”洗脱 菌落平均数 $B_t$ (CFU/mL)	测试样“6 hr”洗脱 菌落平均数 $Q_t$ (CFU/mL)	抗菌率 R (%)
大肠杆菌 ATCC 25922	$2.3 \times 10^4$	$5.7 \times 10^4$	<1	>99.9
金黄色葡萄球菌 ATCC 6538	$1.9 \times 10^4$	$3.6 \times 10^4$	<1	>99.9
白色念珠菌 ATCC 10231	$3.7 \times 10^4$	$3.1 \times 10^4$	$2.7 \times 10^2$	99.1

\*\*\*报告结束\*\*\*



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