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检测  
TESTING  
CNAS L4305

## 检测报告

NBF24-0001049-01

发布日期: 2024-01-26

客户名称: 台州市瑞康日用品科技有限公司  
客户地址: 浙江省台州市路桥区新桥镇新柳路 333 号

样品名称: 抗菌保鲜袋  
样品批号: 12022020  
生产日期: /  
生产商: /

以上样品及信息由客户提供及确认, SGS 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。

样品接收日期: 2024-01-18  
检测周期: 2024-01-18 ~ 2024-01-26  
检测方法: 请参见下一页。  
检测结果: 请参见下一页。



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Ningbo Branch Agricultural and Food Laboratory

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## 检测样品描述：

样品编号	SGS 样品 ID	样品描述
1	NBF24-0001049-0001	袋装物

## 检测结果：

检测要求： 根据申请者的要求：抗菌效果实验

检测方法： GB/T 31402-2015 塑料-塑料表面抗菌性能试验方法

## NBF24-0001049-0001

检测菌种	大肠杆菌 ATCC 8739
接种菌液浓度 (CFU/mL)	$3.0 \times 10^5$
接种菌液量 (mL)	0.4
$U_0$	3.81
$U_t$	5.73
$A_t$	-0.20
B (CFU/cm <sup>2</sup> )	$5.3 \times 10^5$
C (CFU/cm <sup>2</sup> )	<0.63
抗菌活性值 R	5.9
*抗菌率 (%)	>99.9

检测菌种	金黄色葡萄球菌 ATCC 6538P
接种菌液浓度 (CFU/mL)	$3.0 \times 10^5$
接种菌液量 (mL)	0.4
$U_0$	3.81
$U_t$	5.67
$A_t$	-0.20
B (CFU/cm <sup>2</sup> )	$4.7 \times 10^5$
C (CFU/cm <sup>2</sup> )	<0.63
抗菌活性值 R	5.9
*抗菌率 (%)	>99.9

## 备注：

- GB/T 31402-2015 使用翻译法等同采用 ISO 22196:2007《塑料 塑料表面抗菌性能试验方法》。
- 未经抗菌处理试样为无抗菌性能塑料膜，由 SGS 实验室提供
- $U_0$ ：未经抗菌处理试样接种后即时菌数(CFU/cm<sup>2</sup>)的对数平均值。
- $U_t$ ：未经抗菌处理试样接种后 24 h 的菌数(CFU/cm<sup>2</sup>)的对数平均值。
- $A_t$ ：经抗菌处理试样接种后 24 h 的菌数(CFU/cm<sup>2</sup>)的对数平均值。
- R：抗菌性能值， $R=U_t-A_t$ 。
- \*抗菌率由公式【(B-C)/B】x100% 计算所得；  
B：未经抗菌处理试样接种后 24 h 的菌数的平均值(CFU/cm<sup>2</sup>)；

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C: 经抗菌处理试样接种后 24 h 的菌数的平均值(CFU/cm<sup>2</sup>)。

8. 样品前处理: 检验前样品经紫外辐照 30 分钟处理。

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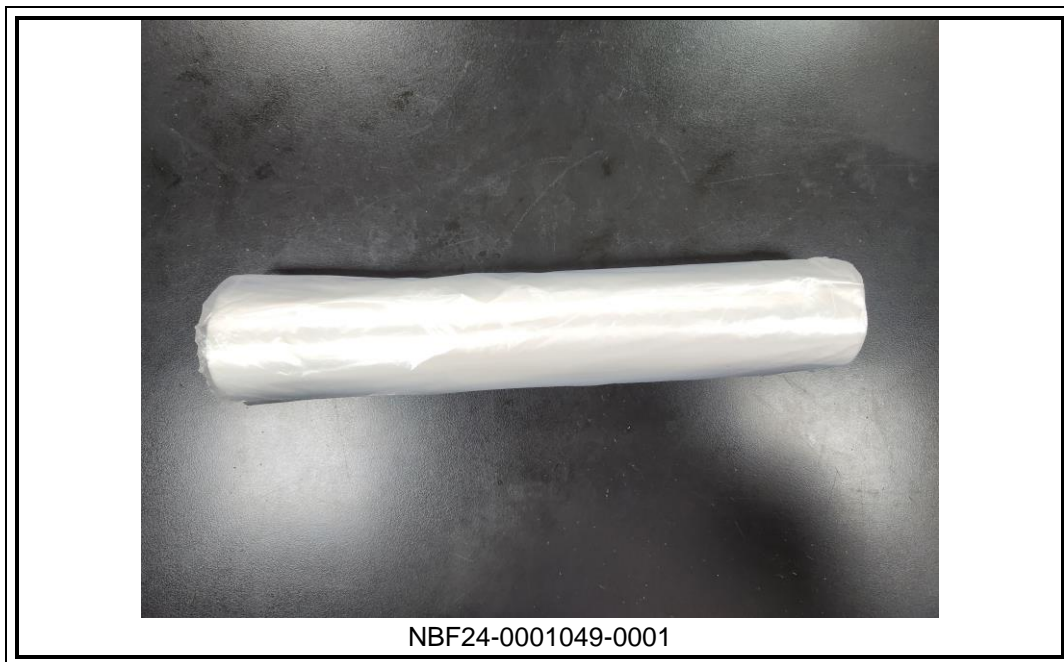


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样品照片:



此照片仅限于随 SGS 正本报告使用

### 注意事项:

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