

测试报告

No: GZCPCH200502490

报告日期: 2020-06-30

客户名称: Healthy Air Technology Ltd  
客户地址: South Park Road, Oxford Oxfordshire, UK OX1 3QR  
样品名称: 空气净化器  
批号/日期: 20200508  
生产商: Healthy Air Technology Ltd

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SGS 工作号: GZCPCH200502490  
样品接收日期: 2020-05-20  
样品测试时间: 2020-05-20~2020-06-29

测试要求:  
根据申请者要求:  
请见下页  
测试方法:  
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测试结果:  
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**测试要求:**

流感病毒杀灭试验 (接触 1 小时) \*

**测试方法:**

参考 GB/T21551.3 及《消毒技术规范》2002 版

**1. 试验用品**

- 1) 毒株: 甲型流感病毒A/PR8/34 (H1N1)
- 2) 细胞: MDCK 细胞

**2. 测试条件**

- 1) 温度: 23 ~ 25 °C
- 2) 相对湿度: 50 ~ 60 %
- 3) 试验时间: 60 分钟
- 4) 舱体体积: 30 m<sup>3</sup>
- 5) 试验设置: 最大风速

**3. 测试步骤**

- 1) 实验舱的温度、相对湿度调节至试验要求。将使用的器材一次放入实验舱内, 将舱门关闭。
- 2) 开启气溶胶发生器雾化流感病毒。雾化病毒完成后搅拌均匀静置一定时间。利用液体撞击采样器分别对对照组和试验组实验舱进行净化前采样。在试验组实验舱内进行净化。对照组实验舱作对照。
- 3) 作用至规定时间, 对试验组和对照组实验舱同时进行采样。试验重复 3 次。
- 4) 倍比稀释上述回收液, 将稀释液加入 MDCK 细胞的培养板上, 加入维持培养液继续孵育 3~5 天, 每天观察细胞生长状况。MDCK 细胞出现变圆和缩小等病变现象时, 记录产生细胞病变的情况。根据 Reed-Muench 公式计算半数感染量 TCID<sub>50</sub>。计算样本中病毒滴度和清除率。

**测试结果:**

病毒	测试	对照组病毒滴度			试验组病毒滴度		
		0 分钟 (TCID <sub>50</sub> /m <sup>3</sup> )	60 分钟 (TCID <sub>50</sub> /m <sup>3</sup> )	自然衰减 率 (%)	0 分钟 (TCID <sub>50</sub> /m <sup>3</sup> )	60 分钟 (TCID <sub>50</sub> /m <sup>3</sup> )	清除率 (%)
流感病毒 A/PR8/34(H1N1)	1	1.81×10 <sup>6</sup>	2.49×10 <sup>5</sup>	86.24	1.17×10 <sup>6</sup>	/	≥99.9
	2	2.49×10 <sup>6</sup>	5.46×10 <sup>5</sup>	78.07	7.89×10 <sup>5</sup>	/	≥99.9
	3	3.69×10 <sup>6</sup>	7.03×10 <sup>5</sup>	80.95	2.49×10 <sup>6</sup>	/	≥99.9

“/” 表示为未检出。

备注: \*分包检测项目由 SGS 集团以外的实验室完成的。

检测报告仅用于客户科研、教学、内部质量控制、产品研发等目的, 仅供内部参考。



测试报告

No: GZCPC200502490

报告日期: 2020-06-30

样品描述: 设备

附图



\*\*\*报告结束\*\*\*



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