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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 报 告

REPORT FOR ANALYSIS

报 告 编 号 **Report №.**	2021SP11772R01D
样 品 名 称 **Name of Sample**	BerryC Fogging
委 托 单 位 **Applicant**	TEVO Creations Sdn Bhd
检 测 类 型 **Test Type**	委托检测 Entrustment Test

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分 析 检 测 报 告

REPORT FOR ANALYSIS

报告编号（Report №.）2021SP11772R01D 校验码（Verification Code）：49387160

样品名称 Name of Sample	BerryC Fogging	检测类型 Test Type	委托检测 Entrustment Test
委托单位 Applicant	TEVO Creations Sdn Bhd	地　址 Address	No. 2, Lorong Beringin 1, Taman Industri Beringin, 14100 Simpang Ampat, Pulau Pinang, Malaysia
样品来源 Sample Source	委托方送检 Submitted for Testing by the Applicant	样品数量 Sample Quantity	500mL
样品规格和批号 Spec and Lot № of Sample	——	样品状态和特性 State and Characteristic	液体 Liquid
接样日期 Sample Received Date	2021-10-21	检测完成日期 Completion Date	2021-11-15
检测项目 Item Tested	急性吸入毒性试验 Acute inhalation toxicity		
检测依据和方法 Test Standard and Method	《消毒技术规范》（卫生部 2002 年版）第二部分（2.3.2） Technical Standard For disinfection (ministry of health of PRC, edition 2002), section 2（2.3.2）		
检测结论 Test Conclusion	受试物对昆明小鼠急性吸入毒性半数致死量 LC_{50} 大于 10000mg/m^3· BW，急性毒性剂量分级为实际无毒，符合《消毒技术规范》（卫生部 2002 年版）第二部分（2.3.13）中的标准要求（在急性吸入毒性试验中，LC_{50}＞10000mg/m^3 者，属于实际无毒，可通过）。 The LC_{50} of the test substance for acute inhalation toxicity to Kunming mice is greater than 10000mg/m^3· BW, and the acute toxicity dose is classified as practically non-toxic, which complies with the Technical Standard For disinfection (ministry of health of PRC, edition 2002), section 2（2.3.2）(In the acute inhalation toxicity test, LC_{50}＞10000mg/m^3 is actually non-toxic and can be passed). 签发日期：2021-12-02 Issue Date （机构盖章 Official Seal）		
备注 Remarks	动物实验项目检测地点：广州市黄埔区神舟路 790 号。 Animal test base: No. 790, Shenzhou Road, Huangpu District, Guangzhou.		

制　表：陈璟珊　　审　核：梁志清　　批　准：
Editor　　Verifier　　Approver

广东省微生物分析检测中心

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分析检测结果

ANALYSIS AND TEST RESULT

报告编号（Report №.）：2021SP11772R01D

样品名称 Name of Sample	BerryC Fogging	接样日期 Sample Received Date	2021 年 10 月 21 日
检验项目 Item Tested	急性吸入毒性试验 Acute inhalation toxicity	检验完成日期 Completion Date	2021 年 11 月 15 日

一．材料 Material

1. 受试物质 Test substance：BerryC Fogging。

2. 动物：健康昆明小鼠 20 只，雄性 10 只，雌性 10 只，体重范围为 18～22g。来源于广东省医学实验动物中心，动物生产许可证号：SCXK（粤）2018-0002，动物合格证号为：44007200096807。本中心实验动物使用许可证号：SYXK（粤）2021-0156。饲养环境：温度（℃）：20~26，相对湿度（%）：40~70。试验前动物在检疫室适应 3d 时间，常规饲料喂养，自由饮水。

Animals: There are 20 healthy Kunming mice, 10 males and 10 females, with a weight range of 18-22g. Sourced from Guangdong Medical Laboratory Animal Center, animal production license number: SCXK (Guangdong) 2018-0002, animal qualification number: 44007200096807. The laboratory animal use license number of the center: SYXK (Guangdong) 2021-0156. Feeding environment: temperature (℃): 20~26, relative humidity (%): 40~70. Before the test, the animals were adapted to the quarantine room for 3 days, fed with regular feed and freely drinking water.

3.剂量水平：采用一次限量法（2h 内吸入毒性浓度 10000mg/m^3 BW）。

Level of measurement： One-time limit method is adopted（The inhalation toxicity concentration is 10000mg/m^3 within 2h）

4.主要仪器与试剂：电子称 QDW-C-V001、分析天平 QDW-B-V001、全身全相态毒性实验设备（吸入柜）QDW-A-G001。

Main instruments and reagents: electronic scale QDW-C-V001, analytical balance QDW-B-V001, whole-body full-phase toxicity test equipment (inhalation cabinet) QDW-A-G001.

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二．方法 Method

1.检测依据：《消毒技术规范》（卫生部 2002 年版）第二部分（2.3.2）。

Test Method: Technical Standard For disinfection (ministry of health of PRC, edition 2002), section 2（2.3.2）.

2.试验步骤 Test steps：

采用动式染毒法进行实验。取 20 只动物，雌雄各半，采用一次限量法，即一次 2h 吸入毒性浓度 10000mg/m'。染毒后观察实验动物的中毒表现和死亡数量及死亡时间，并于染毒后的 D0、D7、D14 称量动物体重。观察期限为 14d。

The experiment was carried out by the dynamic method. Take 20 animals, male and female half, use one time limit method, namely 2 times h inhalation toxicity concentration 10000 mg/m^3.After exposure to poison, we observed the toxicity and death number and death time of the experimental animals, and weighed the animal weight in the D0、D7、D14 after exposure. Duration of observation 14d.

三．试验结果 Test Result

急性吸入毒性试验结果

Acute inhalation toxicity test result

染毒柜条件：温度 23.2℃，相对湿度 90.4%，氧浓度 19.4%

Conditions of the poisoning cabinet: temperature 23.2℃, relative humidity 90.4%, oxygen concentration 19.4%

性别 Gender	动物数 Number of animals (只)	0 天体重均值 0-day average weight (g)	7 天体重均值 7-day average weight (g)	14 天体重均值 14-day average weight (g)	死亡数 Number of dead animals (只)	LC_{50} (mg/m^3· BW)
雄性 male	10	21.79±0.23	28.33±1.32	32.14±1.37	0	＞10000
雌性 female	10	21.16±0.51	25.68±1.20	30.63±1.31	0	＞10000

四．结论 Conclusion

受试物对昆明小鼠急性吸入毒性半数致死量 LC_{50} 大于 10000mg/m^3· BW，急性毒性剂量分级为实际无毒，符合《消毒技术规范》（卫生部 2002 年版）第二部分（2.3.13）中的标准要求（在急性吸入毒性试验中，LC_{50} ＞10000mg/m^3 者，属于实际无毒，可通过）。

The LC_{50} of the test substance for acute inhalation toxicity to Kunming mice is greater than 10000mg/m^3· BW, and the acute toxicity dose is classified as practically non-toxic, which complies with the Technical Standard For disinfection (ministry of health of PRC, edition 2002), section 2（2.3.2）(In the acute inhalation toxicity test, LC_{50}＞10000mg/m^3 is actually non-toxic and can be passed).

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