



170000128222



中国认可
国际互认
检测
TESTING
CNAS L0317

检测报告

TEST REPORT

报告编号 231900012477

REPORT NUMBER 231900012477

样品名称 水系灭火剂

SAMPLE NAME Water based extinguishing agent

委托单位 沈阳仁辉消防科技有限公司

SHENYANG RENHUI FIRE

CUSTOMER CONTROL TECHNOLOGY CO.,
LTD.



宁波出入境检验检疫局检验检疫技术中心
Ningbo Entry-Exit Inspection and Quarantine Bureau Technical Center



中国认可
国际互认
检测
TESTING
CNAS L0317



宁波出入境检验检疫局检验检疫技术中心

Ningbo Entry-Exit Inspection and Quarantine Bureau Technical Center

231900012477
2019.05.23
Page 1 of 4

检测报告

TEST REPORT

委托单位(CUSTOMER): 沈阳仁辉消防科技有限公司 (SHENYANG RENHUI FIRE CONTROL TECHNOLOGY CO., LTD.)	
委托单位地址(Address): 辽宁省沈阳市于洪区洪汇路永康街 2-2 号 (No.2-2 Yongkang Street, Honghui Road, Yuhong District, Shenyang City, Liaoning Province)	
生产单位(MANUFACTURER): 沈阳仁辉消防科技有限公司 (SHENYANG RENHUI FIRE CONTROL TECHNOLOGY CO., LTD.)	
生产单位地址(Address): 辽宁省沈阳市于洪区洪汇路永康街 2-2 号 (No.2-2 Yongkang Street, Honghui Road, Yuhong District, Shenyang City, Liaoning Province)	
样品名称(SAMPLE NAME): 水系灭火剂 (Water based extinguishing agent)	样品性状(SAMPLE STATUS): 微黄色液体 (Slightly yellow liquid)
样品数量(SAMPLE QUANTITY): 500mL	样品标记(SAMPLE No.): W561
品牌(Brand): 沈阳仁辉 (SHENYANG RENHUI)	规格(Size) : S-100-AB-ST(-42℃)
保质期(QUALITY GUARANTEE PERIOD): 5 年 (5years)	批号(Lot no.): RH20190118ST09
检测起止日期(TEST PERIOD) : 2019.04.04~2019.05.22	

检测依据	化学品测试方法
------	---------

地址: 宁波市梅山岛梅港大厦C座 电话: 0574-87022622 投诉: 0574-87022702 传真: 0574-87022902 邮编: 315832 网址: www.nbciqtc.com

声明

① 本报告无本单位检验检测专用章无效;
The report is invalid without the unit testing.

③ 本报告涂改、缺页、部分复印无效;
The report will be invalid if altered, deficient or partly duplicated.

② 本报告无授权签字人签名无效;
The report is invalid unless it is signed by authorized signatory.

④ 若非本单位抽样, 本报告仅对来样负责。
The report is responsible for the received samples only, unless they are taken by ourselves.



231900012477

2019.05.23

Page 2 of 4

Test standard	The Guidelines for the Testing of Chemicals
检测项目	急性吸入毒性试验
Test type	Acute inhalation toxicity test
检测环境	屏障环境动物房, 使用许可证号: SYXK (浙) 2018-0003, 室温 22.3℃~23.5℃, 相对湿度 52.3%~55.7%。
Test environment	Barrier system animal room. Certificate No. SYXK (Zhe) 2018-0003, room temperature 22.3℃~23.5℃, relative humidity 52.3%~55.7%.
试验动物	ICR 小鼠, 由浙江省实验动物中心提供, 生产许可证号: SCXK (浙) 2014-0001。
Test animals	ICR mice, obtained from Centre for Laboratory Animal of Zhejiang Province. Certificate No. SCXK (Zhe) 2014-0001.
动物数/性别	6 只, 雌雄各半
Number of animals/sex	3 males, 3 females
样品制备	原样品
Sample preparation	Original sample
试验方法	试验时, 将动物称重并标记。将实验动物放入染毒柜内, 称量 18.9g 待测物放入静式染毒样品挥发装置内使样品挥发, 实验结束后将样品取出再次称量为 11.6g, 经换算得出染毒剂量为 24.3mg/L, 一次吸入染毒 4 小时。观察并记录染毒过程和观察期内动物的中毒和死亡情况, 观察期限一般为 14 天。观察期结束后, 处死存活动物并进行大体解剖, 如有必要, 进行病理组织学检查。
Test method	The sample was administered as supplied at a limit dose, The animals were placed in



231900012477

2019 . 05 . 23

Page 3 of 4

	the static inhalation canister, and put 18.9g sample to the canister. After the end of the test, take out the sample and weigh it again to be 11.6g, The test concentration reached 24.3mg/L. Inhalation were conducted for 4 hours at a time. The animals were observed for signs of toxicity or behavioral changes frequently per day thereafter. Individual weights were recorded weekly. Gross autopsies were performed on all animals that died during the observation period and on all survival animals after 14 days.
结果 Results	实验动物在染毒 14 天内未见任何中毒症状和中毒死亡；雌雄动物的体重未见异常。实验观察结束，对受试动物进行大体解剖检查也未见异常变化 $0LC_{50} > 24.3mg/L$ Neither abnormal clinical symptoms nor poisoning deaths occurred in all experimental animals during 14 days observation. Body weights of animals were no significantly changes during the study. Gross anatomy no remarkable pathological findings on all survivor animals after 14 days observation. $LC_{50} > 24.3mg/L$
结论 Conclusions	样品对 ICR 小鼠的吸入 $LC_{50} > 20mg/L$。按照 HJ/T 154-2004 急性毒性分级，该样品属于实际无毒性 (-)。 Inhalation LC_{50} of the sample on ICR mice is more than 20mg/L. Which was “no actual toxic” (-) , acute toxicity according to HJ/T 154-2004.



231900012477

2019.05.23

Page 4 of 4

附表 急性吸入毒性试验结果

Attached table Results of acute inhalation toxicity test

性别 Sex	动物数 (只) Number of animals	体重 ($\bar{X} \pm SD$) (g) weight ($\bar{X} \pm SD$) (g)						死亡数 (只) Mortality	死亡率 (%) Rate of Death
		0 天 0day	1 天 1day	3 天 3days	7 天 7days	14 天 14days	14 天增重 14 days weight gain		
雄性 Male	3	19.8±1.21	20.5±1.21	21.7±1.20	24.6±1.21	29.4±1.40	9.6±0.30	0	0
雌性 Female	3	19.8±0.60	20.2±0.51	21.1±0.64	23.2±0.87	26.7±0.87	6.9±0.47	0	0

备注：以上检测结果仅对来样负责。

REMARK: The above test results are only responsible for the samples submitted.

印章:

Official Stamp:



授权签字人签名:

Authorized Officer Signature: