



**Test Report**

**No: GZCPCH200300817E**

**Date: 2020-04-08**

Client name: revitalizAIR China Supplies Co.,Ltd.  
Client address: A area, 5th to 6th floor, No. 4 Factory Building, No. 5 Simiao Road, South China Modern Traditional Chinese Medicine Yaocheng Industrial Park, Nanlang Town, ZhongShan, Guangdong, China

Sample name: revitalizair Deodorizing Disinfecting Card  
Batch No./Date: 20200306  
Manufacturer: revitalizAIR China Supplies Co.,Ltd.

**Above sample(s) was/were submitted and certified by the client, SGS quoted the information with no responsibility as to the accuracy, adequacy and/or completeness.**

SGS job No.: GZCPCH200300817  
Date of receipt: 2020-03-16  
Testing period: 2020 03-16~2020-04-08

**TEST(S) REQUESTED:**

Selected test(s) as requested by applicant:  
Please refer to next page(s).

**TEST METHOD(S):**

Please refer to next page(s).

**TEST RESULT(S):**

Please refer to next page(s).

**This test report has been drafted in Chinese and maybe translated into other languages; The Chinese version shall prevail.**

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Signed for and on behalf of SGS



Authorized Signature  
Denny Li

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

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198 Kechu Road, Sciensech Park Guangzhou Economic & Technology Development District, Guangzhou, China 510663 t (86-20) 3213 6542 f (86-20) 8207 5066 www.sgsgroup.com.cn  
中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 t (86-20) 3213 6542 f (86-20) 8207 5066 e sgs.china@sgs.com

**TEST METHOD(S):**

Test request: Acute inhalation toxicity test\*( LC50)

Test Method: With reference to Technical Standard For Disinfection 2002 edition, issued by Ministry of Health, PRC, Part 2, Technical Standard for testing disinfection Products 2.3.2.

Test environment: SPF animals house, certificate No. SYXK 2018-0086, Guangdong. Room temperature 22±1°C, Relative humidity 60±5%.

Experimental animals and feed: 20 Healthy SPF Kunming mice were randomly selected, in half respectively male and female, weighing 18.0-20.0g. Animals and feed were supplied by Guangdong Medical Experiment Animal Center, certificate No. SCXK 2018-0002, Guangdong. Animal certificate No.44007200074053.

Exposure condition and equipment: the static method was used, The duration of exposure was 2h after equilibration of the chamber. Inhalation chamber vol: 0.3 m<sup>3</sup>. The temperature: 20±1°C the relative humidity: 60-65%, oxygen concentrations: 20±0.5%.

Preparation of Sample: According to the client's request, Put the blue package directly into the poisoning cabinet and let it volatilize naturally.

**Test procedures:**

- (1) Poisoning: put 2 samples of blue packing pieces into No. 1 and No. 2 poisoning chamber directly, put 10 experimental animals (half male and half female) into each, and take them out for observation after 2 hours of poisoning.
- (2) Observation: Experimental observation lasted for 14 days. Recorded signs of toxicity and death of animals, individual weights of animals in weekly intervals. At the end of the test surviving animals were weighed and then humanely killed.

**TEST RESULT**

No abnormal behaviors, body position, respiration, skin and hair, eyes, mucous membrane and death were found during 2h inhalation. No obvious toxic symptoms and death were found in all animals during the observation period. The gross anatomy of the experimental animals was normal. The results of this acute inhalation toxicity test are shown in Table 1:

Table 1 After exposure, tabulation of body weight changes, response data and dose level for animals

sex	Test animals (n)	Body Weight ( $\bar{x}$ ±SD) (g)			Dea <sup>th</sup> Animals (n)	Mortality (%)
		0	7d	14d		
female	10	18.5±0.1	27.8±0.5	32.7±0.3	0	0
male	10	18.5±0.2	31.8±0.4	39.4±0.5	0	0

Remark:\* Test was carried out by external laboratory assessed as competent.



**Annexed information:**

The acute toxic classification standard of Acute inhalation toxicity test specified! in Technical Standard For disinfection, Ministry of Health, PRC, 2002, edition, 2.3.2.4 Evaluate rule

Toxicity assess of disinfectant:

LC50 of sample is greater than 10000 mg/m<sup>3</sup> for 2 hours, this is classified as actual non-toxic;

LC50 of sample is between 1001 mg/m<sup>3</sup> and 10000 mg/m<sup>3</sup> for 2 hours, this is classified as low-toxic;

LC50 of sample is between 101 mg/m<sup>3</sup> and 1000 mg/m<sup>3</sup> for 2 hours, this is classified as moderate toxic;

LC50 of sample is between 10 mg/m<sup>3</sup> and 100 mg/m<sup>3</sup> for 2 hours, this is classified as high toxic;

LCso of sample is less than 10 mg/m<sup>3</sup> for 2 hours, this is classified as severe toxic.

**SAMPLE DESCRIPTION:** Sample in bag

Photo Appendix



\*\*\* End of Report\*\*\*