



# TEST REPORT

Report No.: GXX22050230A(E)

Applicant : Guangdong Jiajie Technology Co., Ltd.

Address : Rong Hua Building, Wan Hu West Road,  
Shi Wan, Boluo, Hui Zhou City,  
Guangdong, China

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Official Seal: 

Report No. :GXX22050230A(E)

Date :2022/07/08

<b>Name of Sample</b>	Y0 nano superconducting disinfection factor (fast and slow tablets)	<b>Brand</b>	/
<b>Sample No.</b>	GXX22050230	<b>Sample appearance</b>	Solid
<b>Model</b>	10 tablets/package	<b>Sample Quantity</b>	60 tablets
<b>Batch No./Date</b>	/	<b>Test Type</b>	Commission
<b>Sample Received</b>	2022/05/26	<b>Test Period</b>	2022/05/26-2022/07/08
<b>Manufacturer</b>	Guangdong Jiajie Technology Co., Ltd.		
<b>Address</b>	Rong Hua Building, Wan Hu West Road, Shi Wan, Boluo, Hui Zhou City, Guangdong, China		
<b>Test Item</b>	Acute inhalation toxicity test		
<b>Test Method</b>	Technical Standard for Disinfection (2002) 2.3.2 Acute inhalation toxicity test		
<b>Test Result/Conclusion</b>	Please refer to next page(s)		
<b>Note</b>	/		

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## TEST RESULTS:

### 1. Testing Standard

Technical Standard for Disinfection (2002) 2.3.2 Acute inhalation toxicity test.

### 2. Experimental animals

Healthy Adult SPF KM mice (20, half male and half female) weighted between 18g - 22g and supplied by Guangdong Medical Experiment Animal Center. The laboratory animal production license and quality certificate were SCXK (Guangdong province) 2022-0002 and No.44007200104818. The feed was provided by Guangdong Medical Experiment Animal Center. The feed production license and the certificate number of the company were Guangdong Province (2019) 05073 and No.44200300027043.

### 3. Sample preparation

Sample sample and water prepared in the ratio of 1g: 1L as test samples.

### 4. Test process

Methods: The sample was administered as a dynamic method. All 20 animals were included in a group of 10000 mg/m<sup>3</sup> for a 2 hour inhalation ( half male and half female). The experimental animals were placed in the toxicological chamber. The test products were placed in a special sample bottle, the atomization system was connected, and the residual liquid was recovered after the mice were inhaled for 2h. The actual poisoning concentration was calculated to be 16432.8mg/m<sup>3</sup>. Immediately after inhalation and infection for 2 hours, the toxicity performance, death number and time of death of experimental animals were observed and recorded, and the observation period was 14 days. All the animals were weighed on the 0<sup>th</sup>, 7<sup>th</sup>, 14<sup>th</sup> day, respectively. Animals died of poisoning during the observation period and animals sacrificed for expired observation were observed. A necropsy was conducted on all animals of all dose groups following termination, while histopathology was conducted on abnormal tissues or organs.

5. The animals were maintained at a room temperature of 22°C~26°C, relative humidity of 40%-70%.

\*\*\*\*\* TO BE CONTINUE \*\*\*\*\*

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**6. Result**

Group	Dose (mg/m <sup>3</sup> )	Sex	Animal (n)	Weight (g)			Death rate (%)
				D0	D7	D14	
Test group	16432.8	♀	10	18.99±0.36	23.23±0.41	27.97±0.52	0
		♂	10	19.26±0.46	23.92±0.62	29.17±0.74	0
Result	Under the existing experimental conditions, the acute inhalation toxicity of the sample to KM mice's $LC_{50} 2h > 16432.8 \text{ mg/m}^3$ , the toxicity grade was classified as actually non-toxic.						

\*\*\*\*\* **END OF REPORT** \*\*\*\*\*

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