



# TEST REPORT

Report No.: SHC20040673-01BE

Date: 2020-05-19

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**Applicant :** Changzhou Sifary Medical Technology Co., Ltd

**Address :** NO.99, Qingyang Road, Xuejia County, Xinbei District, Changzhou City, 213000 Jiangsu, China

## Sample Information

Sample Name : Extraoral Dental Vacuum System

Sample Type/Specification : VacStation

Sample Qty. : 2

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Sample No. : C20040673-01

Date of Sample Received : 2020-04-17

Sample Test Period : 2020-04-20~2020-04-30

## Test content:

Test item(s) : Please refer to next page(s).

Test Method(s) : Please refer to next page(s).

Prepared by:

Reviewed by:

Approved by:





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**Test Results:**

Sample Description: Machine

Test items	Test Method	Test Results
Staphylococcus albicans killing	"Disinfection Technical Specification" (Ministry of Health 2002 Edition)-2.1.3	See below

1. Test strain: Staphylococcus albus 8032

2. Inspection method: "Disinfection Technical Specification" (Ministry of Health 2002 edition)-2.1.3

**3. Result**

Action time	Action group	Control group		Test group		Kill rate (%)	Average kill rate (%)
		Number of bacterial colonies in the initial space air(cfu/m <sup>3</sup> )	Number of bacterial colonies in the air after action(cfu/m <sup>3</sup> )	Number of bacterial colonies in the initial space air(cfu/m <sup>3</sup> )	Number of bacterial colonies in the air after action(cfu/m <sup>3</sup> )		
2h	1	1.8×10 <sup>6</sup>	1.3×10 <sup>6</sup>	1.7×10 <sup>6</sup>	<9.1×10 <sup>2</sup>	>99.92	>99.92
	2	1.7×10 <sup>6</sup>	1.2×10 <sup>6</sup>	1.7×10 <sup>6</sup>	<9.1×10 <sup>2</sup>	>99.92	
	3	1.8×10 <sup>6</sup>	1.2×10 <sup>6</sup>	1.6×10 <sup>6</sup>	<9.1×10 <sup>2</sup>	>99.92	

**Note:**

1. Test space size: experiment cabinet 1m<sup>3</sup>
2. Test environment relative humidity: 62%, test environment temperature 24℃
3. The killing rate test result has eliminated the influence of the natural extinction of microorganisms in the air.



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Test items	Test Method	Test Results
Escherichia coli killing	"Disinfection Technical Specification" (Ministry of Health 2002 Edition)-2.1.3	See below

1. Test strain: Escherichia coli 8099

2. Inspection method: refer to "Disinfection Technical Specification" (Ministry of Health 2002 edition)-2.1.3

3. Result

Action time	Action group	Control group		Test group		Kill rate (%)	Average kill rate (%)
		Number of bacterial colonies in the initial space air(cfu/m <sup>3</sup> )	Number of bacterial colonies in the air after action(cfu/m <sup>3</sup> )	Number of bacterial colonies in the initial space air(cfu/m <sup>3</sup> )	Number of bacterial colonies in the air after action(cfu/m <sup>3</sup> )		
2h	1	2.0×10 <sup>6</sup>	1.1×10 <sup>6</sup>	2.0×10 <sup>6</sup>	<9.1×10 <sup>2</sup>	>99.92	>99.92
	2	1.9×10 <sup>6</sup>	1.0×10 <sup>6</sup>	2.1×10 <sup>6</sup>	<9.1×10 <sup>2</sup>	>99.92	
	3	2.0×10 <sup>6</sup>	1.0×10 <sup>6</sup>	2.0×10 <sup>6</sup>	<9.1×10 <sup>2</sup>	>99.92	

**Note:**

1. Test space size: experiment cabinet 1m<sup>3</sup>
2. Test environment relative humidity: 62%, test environment temperature 24℃
3. The killing rate test result has eliminated the influence of the natural extinction of microorganisms in the air.



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Test items	Test Method	Test Results
Staphylococcus aureus killing	"Disinfection Technical Specification" (Ministry of Health 2002 Edition)-2.1.3	See below

1. Test strain: Staphylococcus aureus ATCC 6538

2. Inspection method: refer to "Disinfection Technical Specification" (Ministry of Health 2002 edition)-2.1.3

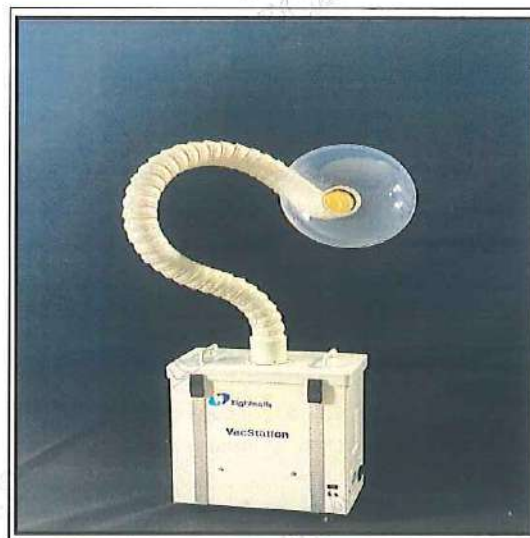
3. Result

Action time	Action group	Control group		Test group		Kill rate (%)	Average kill rate (%)
		Number of bacterial colonies in the initial space air(cfu/m <sup>3</sup> )	Number of bacterial colonies in the air after action(cfu/m <sup>3</sup> )	Number of bacterial colonies in the initial space air(cfu/m <sup>3</sup> )	Number of bacterial colonies in the air after action(cfu/m <sup>3</sup> )		
2h	1	2.1×10 <sup>6</sup>	1.3×10 <sup>6</sup>	2.0×10 <sup>6</sup>	<9.1×10 <sup>2</sup>	>99.92	>99.92
	2	2.0×10 <sup>6</sup>	1.2×10 <sup>6</sup>	1.9×10 <sup>6</sup>	<9.1×10 <sup>2</sup>	>99.92	
	3	2.0×10 <sup>6</sup>	1.1×10 <sup>6</sup>	2.0×10 <sup>6</sup>	<9.1×10 <sup>2</sup>	>99.92	

Note:

1. Test space size: experiment cabinet 1m<sup>3</sup>
2. Test environment relative humidity: 62%, test environment temperature 24℃
3. The killing rate test result has eliminated the influence of the natural extinction of microorganisms in the air.

Sample Photo



This photo is limited to ICAS used this report

\*\*\*End of the report\*\*\*

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