



201819000873

TEST REPORT



中国认可
国际互认
检测
TESTING
CNAS L7673

Applicant :

Address :

China

The following merchandise was (were) submitted and identified by the client as:

Name of Sample : Air sterilization purifier

Test Type : Commission

Sample Quantity : 1

Model : 1200

Batch No. : /

Brand : /

Manufacturer:

Sample Received : 2020/02/17

Test Period : 2020/02/17 – 2020/03/09

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

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

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

Sample Description : Machine

Note: /

Edited by:

Approved by:

Checked by:

Official Seal:



TEST RESULTS :

Table 1 Summary of test results							
Chapter	Test Item(s)		Unit	Test Result(s)		Limiting value	Test Method(s)
4.2.1	Removal rate	<i>Staphylococcus albus</i>	%	60 min	99.95	≥50%	GB 21551.3-2010
		<i>Staphylococcus aureus</i>		60 min	99.95		
		<i>Escherichia coli</i>		60 min	99.97		
		<i>Candida albicans</i>		60 min	99.97		
		<i>Pseudomonas aeruginosa</i>		60 min	99.93		

***** TO BE CONTINUED *****

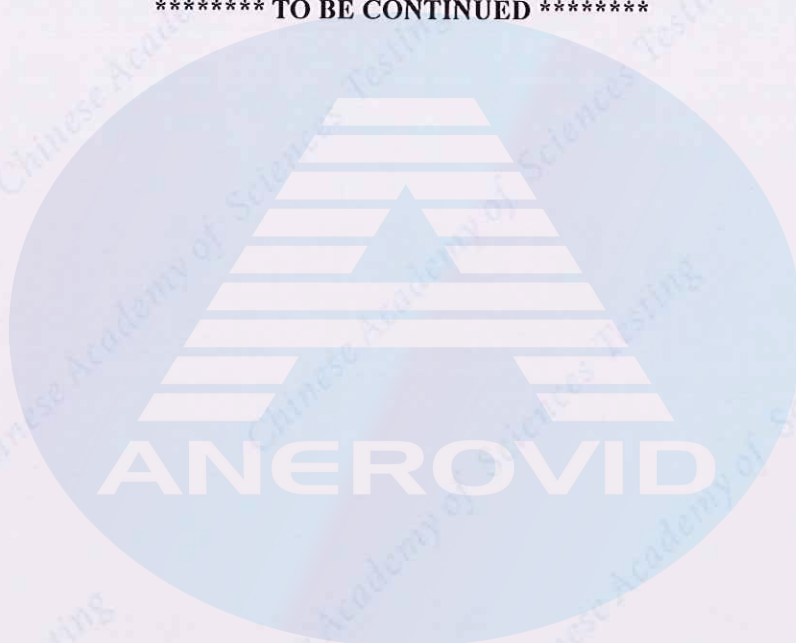


Table 2 Test data of removal rate (simulated field test)

Test bacteria	Test time (min)	Test number	Control group			Test group		Removal rate K_t (%)
			Colony count before test V_0 (cfu/m ³)	Colony count after test V_t (cfu/m ³)	Natural decay rate N_t (%)	Colony count before test V_1 (cfu/m ³)	Colony count after test V_2 (cfu/m ³)	
<i>Staphylococcus albus</i>	60	1	8.90×10^4	7.37×10^4	17.19	8.64×10^4	29	99.96
		2	1.19×10^5	9.21×10^4	22.61	1.11×10^5	53	99.94
		3	1.01×10^5	8.10×10^4	19.80	1.07×10^5	41	99.95
		Mean						99.95
<i>Staphylococcus aureus</i>	60	1	1.01×10^5	7.85×10^4	22.28	1.06×10^5	47	99.94
		2	9.62×10^4	7.33×10^4	23.80	9.17×10^4	29	99.96
		3	8.18×10^4	6.61×10^4	19.19	8.97×10^4	41	99.94
		Mean						99.95
<i>Escherichia coli</i>	60	1	1.14×10^5	8.31×10^4	27.11	1.21×10^5	24	99.97
		2	9.80×10^4	7.60×10^4	22.45	1.03×10^5	18	99.98
		3	1.07×10^5	8.04×10^4	24.86	1.04×10^5	24	99.97
		Mean						99.97
<i>Candida albicans</i>	60	1	1.03×10^5	7.45×10^4	27.67	1.08×10^5	24	99.97
		2	1.13×10^5	7.89×10^4	30.18	1.04×10^5	12	99.98
		3	9.16×10^4	6.18×10^4	32.53	8.74×10^4	18	99.97
		Mean						99.97
<i>Pseudomonas aeruginosa</i>	60	1	8.37×10^4	6.49×10^4	22.46	7.86×10^4	35	99.94
		2	1.06×10^5	7.99×10^4	24.62	1.14×10^5	59	99.93
		3	8.85×10^4	7.01×10^4	20.79	9.43×10^4	53	99.93
		Mean						99.93

***** TO BE CONTINUED *****