



TEST REPORT

Report No.: SHZ24010396-01E

Date: 2024-02-28

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Applicant : Top Water Flow AS

Address : Stensrudvegen 5b with postal code N- 2335 Stange, Norway.

Sample Information

Sample Name : Arctic Air M Indoor air purifier

Trademark : 
TopWaterFlow

Sample Type/Specification : M1-2-3-4

Sample status : Equipment

Sample Qty. : /

Sample acquisition method : sent by client

Manufacturer : TOP WATER (Jiangsu) Co., LTD

Manufacturer Address : No.5 Hengan Road, Tianning District Changzhou, Jiangsu

Domestic responsible : TOP WATER (Jiangsu) Co., LTD

Above information and sample(s) was/were submitted and certified by/on behalf of the applicant. ICAS was not responsible for the authenticity of the sample, and quoted the information with no responsibility as to the accuracy, adequacy and/or completeness.

Sample No. : Z24010396-01

Date of Sample Received : 2024/1/24

Sample Test Period : 2024/1/24-2024/2/22

Test content:

Test address : 155 Pingbei Rd,Minhang District, Shanghai.

Test item(s) : Inactivation test Coronavirus GX_P2V

Test Method(s) : Technical Standard For disinfection (2002 Edition) 2.1.1.10、2.1.3

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Test Results:

Sample Description		Arctic Air M Indoor air purifier						
Experimental strain and host cells		Coronavirus GX_P2V Host name: Vero-E6 cell						
Number of test	Acting time (min)	Virus infection titer in positive control group			Virus infection titer in test group		Inactivation rate	Average inactivation rate
		Initial concentration TCID ₅₀ /m ³	Final concentration TCID ₅₀ /m ³	Natural decay rate	Initial concentration TCID ₅₀ /m ³	Final concentration TCID ₅₀ /m ³		
1	1	4.25×10 ⁵	1.71×10 ⁵	59.73%	5.34×10 ⁵	1.16×10 ²	99.95%	99.94%
2		5.34×10 ⁵	2.41×10 ⁵	54.82%	7.91×10 ⁵	1.49×10 ²	99.96%	
3		6.43×10 ⁵	2.84×10 ⁵	55.85%	6.43×10 ⁵	2.25×10 ²	99.92%	
1	10	3.53×10 ⁵	1.46×10 ⁵	58.80%	7.73×10 ⁵	40	99.99%	99.98%
2		3.96×10 ⁵	1.83×10 ⁵	53.77%	8.28×10 ⁵	55	99.99%	
3		4.15×10 ⁵	1.75×10 ⁵	57.84%	7.55×10 ⁵	94	99.97%	
1	30	7.38×10 ⁵	3.04×10 ⁵	58.80%	6.28×10 ⁵	0	>99.99%	>99.99%
2		7.55×10 ⁵	3.57×10 ⁵	52.69%	6.43×10 ⁵	0	>99.99%	
3		8.09×10 ⁵	3.26×10 ⁵	59.73%	6.73×10 ⁵	0	>99.99%	

Note: The volume of the experimental aerosol chamber is 10m³





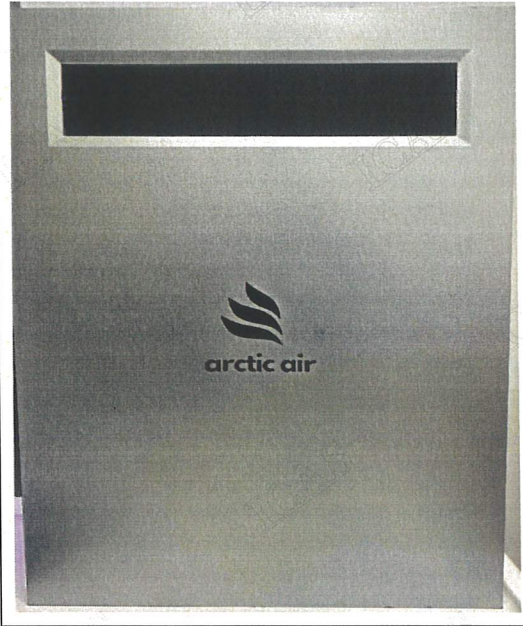
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Sample Photo:



Authenticate the photo on original report only

This photo is limited to ICAS used this report

End of the report

