

TEST REPORT

Report No.

AA0032802(4)

Date: 14 Jul 2021

Application No.

: LA018458(4)

Applicant

NANO AND ADVANCED MATERIALS INSTITUTE LIMITED

UNIT 517-518, 5/F, LAKESIDE 1,

NO. 8 SCIENĆE PÁRK WEST AVENUE, HONG KONG SCIENCE PARK, SHATIN, NEW TERRITORIES, HONG KONG

Sample Description

One (1) submitted sample stated to be Air Purifier.

Date Received

29 Jun 2021.

Test Period

29 Jun 2021 to 07 Jul 2021.

Test Requested

Removal Performance Tests for the following items

Volatile Organic Compounds (VOC);

Formaldehyde (HCHO); Carbon Monxide (CO); Nitrogen Dioxide (NO₂); Hydrogen Sulfide (H₂S);

Ammonia (NH₃);

Nitrogen Monoxide (NO).

Anti-microbial Performance Tests for the following items

Airborne Bacteria (TBC); Yeast and Mold (YM);

Staphylococcus Aureus (S. Aureus);

Escherichia Coli (E. Coli).

Emission Test of the following item

Ozone (O_3) .

Test Result

Refer to the results on page 2.

For and on behalf of

CMA Industrial Development Foundation Limited

Authorized Signature :

ang Tsz Wang Manager TESTINO IS

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The conformity statement stated in Conclusion above is based on the decision rule agreed with applicant and listed in www.cmatesting.org/qac/statement-of-conformity.pdf
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Results

Removal Performance Test (Testing period: 60 minutes)

Operation Time (minutes)	VOC	нсно	CO	NO ₂	H ₂ S	NH ₃	NO
Unit	ppbv	ppmv	ppmv	mg/m ³	ppmv	mg/m ³	mg/m ³
0	8,228	1.62	9	1.22	1.31	0.524	1.16
15	1,066	0.37	0	0.12	0.51	0.062	0.11
30	729	0.24	1	0.08	0.26	0.053	0.09
60	533	0.16	1	0.09	0.04	0.031	0.14

Removal Performance Test (Testing period: 60 minutes)

Operation Time (minutes)	ТВС	YM	S. Aureus	E. Coli
Unit	CFU/m³			
0	712	46	8.9 x 10 ⁵	1.8×10^6
15	86	9	2.4×10^5	5.1 x 10 ⁵
30	27	7	5.2 x 10 ⁴	1.2 x 10 ⁵
60	30	8	2.7×10^3	8.9×10^3

Emission Test (Testing period: 24 hours)

Parameter	Ozone	
Unit	ppbv	
Minimum	0	
Maximum	0	
Average	0	