

TEST REPORT

Applicant : Nano and Advanced Matenals Institute Limited
Address : Units 608-609, Lakeside 2, No. 10 Science Park West Avenue, Hong Kong Science Park

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

Name of Sample : PDC-NANO Air purifier

Test Type : Commission

Sample Quantity : 1

Model : PN-2B

Batch No. : /

Brand : Renaud air

Manufacturer: /

Sample Received : 2021/02/26

Test Period : 2021/02/26-2021/04/12

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: 1) The relevant items are not tested for qualification rectification,only as reference for internal use;
2) This report replaces the report JKK21020075C(E) which was issued on 12 Apr. 2021.The original report is invalid.

Edited by: 黄婉盈

Approved by: 

Checked by: 叶智星

Official Seal: 

TEST RESULTS:

Table 1 Test data of virus aerosol removal								
Virus strain	Test time (min)	Test number	Control group			Test group		Removal rate K_t (%)
			0 min V_0 (TCID ₅₀ /m ³)	60 min V_t (TCID ₅₀ /m ³)	Natural decay N_t (%)	0 min V_1 (TCID ₅₀ /m ³)	60 min V_2 (TCID ₅₀ /m ³)	
H1N1	60	1	4.93×10 ⁷	1.30×10 ⁷	73.63	6.37×10 ⁷	5.85×10 ³	99.97
		2	4.72×10 ⁷	1.06×10 ⁷	77.54	9.37×10 ⁷	4.45×10 ³	99.98
		3	4.95×10 ⁷	1.25×10 ⁷	74.75	7.03×10 ⁷	3.53×10 ³	99.98
EV71	60	1	6.40×10 ⁷	1.70×10 ⁷	73.44	4.97×10 ⁷	1.24×10 ³	99.90
		2	7.03×10 ⁷	1.67×10 ⁷	76.30	8.83×10 ⁷	1.41×10 ⁴	99.93
		3	4.93×10 ⁷	1.30×10 ⁷	73.63	4.17×10 ⁷	8.87×10 ³	99.92

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

检测