

Test Report

No. : CY/2019/90196

Date : 2019/10/18

Page : 1 of 4


SILICON VALLEY AIR EXPERT

2100 WALSH AVE., STE B1, SANTA CLARA, CA, 95050, USA

The following samples was/were submitted and identified by/on behalf of the applicant as :

Sample Submitted By : SILICON VALLEY AIR EXPERT
Sample Description : AIR PURIFIER
Style/Item No. : KJ800F-X8
Manufacturer/Vendor : ANHUI BEIANG AIR TECH LTD.
Country of Origin : CHINA
Sample Receiving Date : 2019/09/12
Testing Period : 2019/09/12 to 2019/10/17

=====
Test Result(s) : Please refer to following pages.


Troy Chang / Manager - Tech
Signed for and behalf of
SGS TAIWAN LTD.
Chemical Laboratory - Taipei



This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <https://www.sgs.com/en/terms-and-conditions/terms-e-document>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instruction, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced, except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Test Report

No. : CY/2019/90196

Date : 2019/10/18

Page : 2 of 4

SILICON VALLEY AIR EXPERT

2100 WALSH AVE., STE B1, SANTA CLARA, CA, 95050, USA

Test Result(s)

PART NAME No.1 : AIR PURIFIER

Test Item and Method : Performance Test

Experiment test :

1. The product was set up in a 2.9m×1.4m×1.9m of test chamber as the client requested.
2. Analyzing the Total Bacteria Counts in air before and after processing an hour later.

Control test :

1. The test procedure was as same as experiment without putting the product.

In order to understand the performance of product in suppression effect of Total Bacteria Counts.

Test Result :

Test Item	Unit	Control test	Experiment test	Elimination ratio(%)
Total Bacteria Counts	CFU/m ³	4111	<6	>99.9

Test Report

No. : CY/2019/90196

Date : 2019/10/18

Page : 3 of 4

SILICON VALLEY AIR EXPERT

2100 WALSH AVE., STE B1, SANTA CLARA, CA, 95050, USA

Test Item and Method : Performance Test

Experiment test :

1. The product was set up in a 2.9m×1.4m×1.9m of test chamber as the client requested.
2. The Particulates were injected in the 2.9m×1.4m×1.9m chamber and made sure the PM_{2.5} concentration be mixed and stabilized by the detector.
3. Monitoring the concentration of PM_{2.5} in air before turning on the product and after processing an hour later.

Control test :

1. The test procedure was as same as experiment without putting the product, in order to understand the performance of the product in suppression effect of PM_{2.5}.

Test Result :

Test Item	Unit	Control test	Experiment test	Elimination ratio(%)
Fine Suspended Particulates(PM _{2.5})	µg/m ³	1140	<1	>99.9

Test Item and Method : Performance Test

Experiment test :

1. The product was set up in a 2.9m*1.4m*1.9m of test chamber.
2. The test odor gas (individually by Formaldehyde odor) was injected in the 2.9m*1.4m*1.9m test chamber.
3. Monitor the odor concentration by gas detector while the concentration were mixed and stabilized.
4. To analyze the Formaldehyde in air before turning on the product and after processing 1 hour later.

Control test :

1. The test procedure was as same as experiment without turning on the product, in order to understand the performance of the product in suppression effect of Formaldehyde.

Test Result :

Test Item	Unit	Control test	Experiment test	Elimination ratio(%)
Formaldehyde	ppm	0.789	<0.001	>99.9

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <https://www.sgs.com/en/terms-and-conditions/terms-e-document>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instruction, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced, except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Test Report

No. : CY/2019/90196

Date : 2019/10/18

Page : 4 of 4

SILICON VALLEY AIR EXPERT

2100 WALSH AVE., STE B1, SANTA CLARA, CA, 95050, USA

* The tested sample / part is marked by an arrow if it's shown on the photo. *

CY/2019/90196



** End of Report **

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <https://www.sgs.com/en/terms-and-conditions/terms-e-document>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instruction, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced, except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.