

Dra. ROSER REIG RIUS, directora de **INDUSTRIAL LAB R. REIG, S.L.**, con CIF B-65324238 y domicilio en C/ Garcilaso, 4, de Sabadell,

CERTIFICA:

Que INDUSTRIAL LAB R. REIG, S.L. ha avaluado la eficacia del equipo **“Airdog Model X5”** que **SODECA, S.L.U.** comercializa, analizando el aire ambiental: bacterias aerobias totales y hongos, antes y después del tratamiento ambiental con el equipo objeto de estudio.

Según los ensayos realizados en el laboratorio INDUSTRIAL LAB R.REIG, el equipo **Airdog Model X5** testado ha mostrado **una tasa de reducción** de las bacterias aerobias totales ambientales **superior al 95%** y de los hongos ambientales **superior al 94%**, después de dos horas de funcionamiento del equipo.

Después de dos horas de funcionamiento del equipo **Airdog Model X5 NO se ha detectado presencia de ozono** en el ambiente tratado (**< 0,001 ppm**).

Sabadell, 16 de diciembre del 2020



INDUSTRIAL LAB R.Reig
Garcilaso, 4 bxs.
08201 SABADELL

Dra. Roser Reig

Directora

Dra. ROSER REIG RIUS, directora de **INDUSTRIAL LAB R. REIG, S.L.**, con CIF B-65324238 y domicilio en C/ Garcilaso, 4, de Sabadell,

CERTIFICA:

Que INDUSTRIAL LAB R. REIG, S.L. ha obtenido, por cuenta de **SODECA, S.L.U.**, una cepa de MengoVirus vMCo CECT100000 procedente de la Colección Española de Cultivos Tipo.

El Mengovirus es un virus de la familia Picornaviridae, la misma a la que pertenece el coronavirus SARS-CoV-2, causante de la enfermedad COVID-19. Debido a su parecido, este virus se ha utilizado para certificar las pruebas de desinfección del SARS-CoV-2 según la norma UNE-EN 14476 (*Antisépticos y desinfectantes químicos; ensayo cuantitativo de suspensión para la evaluación de la actividad viricida en medicina; métodos de ensayo y requisitos*) para evaluar la eficacia del equipo "Airdog Modelo X5" que SODECA, S.L.U. comercializa, analizando el aire inoculado con el virus a la salida de aire del equipo antes y después del tratamiento.

Según los ensayos realizados en el laboratorio INDUSTRIAL LAB R. REIG, el equipo Airdog Modelo X5 testado ha demostrado, a partir de los 30 minutos, una actividad antivírica sobre los virus inoculados del 100%.

Después de dos horas de funcionamiento del equipo **Airdog Model X5 NO se ha detectado presencia de ozono** en el ambiente tratado (< 0,001 ppm).

Sabadell, 16 de Diciembre del 2020



INDUSTRIAL LAB R.Reig
Garcilaso, 4 bxs.
08201 SABADELL

Dra. Roser Reig

Directora



Generalitat de Catalunya
Departament de Salut
LABORATORI DE SALUT AMBIENTAL
I ALIMENTÀRIA: LSAA-155-01



agencia española de
medicamentos y
productos sanitarios
LABORATORIO DE CONTROL





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www.analisiisreig.cat

Dra. ROSER REIG RIUS, directora de **INDUSTRIAL LAB R. REIG, S.L.**, con CIF B-65324238 y domicilio en C/ Garcilaso, 4, de Sabadell,

CERTIFICA:

Que INDUSTRIAL LAB R. REIG, S.L. ha avaluado la eficacia del equipo **"AIRDOG Model X8"** que **SODECA, S.L.U.** comercializa, analizando el aire ambiental: bacterias aerobias totales y hongos, antes y después del tratamiento ambiental con el equipo objeto de estudio.

Según los ensayos realizados en el laboratorio INDUSTRIAL LAB R.REIG, el equipo **AIRDOG Model X8** testado ha mostrado **una tasa de reducción** de las bacterias aerobias totales ambientales **del 96,88%** y de los hongos ambientales **superior al 96%**, después de 15 minutos de funcionamiento del equipo.

Después de una hora de funcionamiento del equipo **AIRDOG Model X8 NO se ha detectado presencia de ozono** en el ambiente tratado (**< 0,001 ppm**).

Sabadell, 25 de enero del 2021



Garcilaso, 4 Baixos
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Dra. Roser Reig

Directora



Generalitat de Catalunya
Departament de Salut
LABORATORI DE SALUT AMBIENTAL
I ALIMENTÀRIA: LSAA-155-01



agencia española de
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Dra. ROSER REIG RIUS, directora de **INDUSTRIAL LAB R. REIG, S.L.**, con CIF B-65324238 y domicilio en C/ Garcilaso, 4, de Sabadell,

CERTIFICA:

Que INDUSTRIAL LAB R. REIG, S.L. ha obtenido, por cuenta de **SODECA, S.L.U.**, una cepa de MengoVirus vMCo CECT100000 procedente de la Colección Española de Cultivos Tipo.

Los mengovirus son virus ARN sin envoltura, igual que los microorganismos de ensayo mencionados en la norma. El MengoVirus pertenece a la familia Picornaviridae y el coronavirus, causante de la enfermedad COVID-19, a la Coronaviridae. Ambos son virus de clase IV en el sistema de Baltimore y son virus con RNA monocatenario de sentido positivo. El ARN monocatenario es en última instancia el objetivo de la acción destructiva, por lo tanto, el mengovirus se ha utilizado para certificar las pruebas de desinfección del SARS-CoV-2 según la adaptación a la norma UNE-EN 14476 (*Antisépticos y desinfectantes químicos; ensayo cuantitativo de suspensión para la evaluación de la actividad viricida en medicina; métodos de ensayo y requisitos*) para evaluar la eficacia del equipo "AIRDOG Model X8" que SODECA, S.L.U. comercializa, analizando el aire inoculado con el virus a la salida de aire del equipo antes y después del tratamiento.

Según los ensayos realizados en el laboratorio INDUSTRIAL LAB R. REIG, el equipo **AIRDOG Model X8** testado ha demostrado, **a partir de los 15 minutos, una actividad antivírica sobre los virus inoculados del 100%.**

Después de una hora de funcionamiento del equipo **AIRDOG Model X8 NO se ha detectado presencia de ozono** en el ambiente tratado (**< 0,001 ppm**).

Sabadell, 25 de enero del 2021



Garcilaso, 4 Baixos
08201 Sabadell
935 959 560

Dra. Roser Reig

Directora

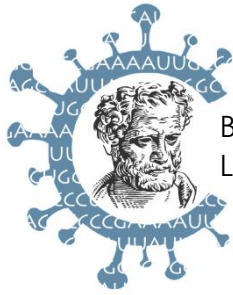


Generalitat de Catalunya
Departament de Salut
LABORATORI DE SALUT AMBIENTAL
I ALIMENTÀRIA: LSAA-155-01



agencia española de
medicamentos y
productos sanitarios
LABORATORIO DE CONTROL





BIOSAFETY UNIT
LABORATORY OF BIOLOGY

CERTIFICATE OF ANALYSIS

Date of Certification: 29/01/2021

Test Type: Air disinfection test

Instrument tested: TPA X5 by Airdog, Air Purifier

Model: KJ300F-X5, Serial No, BAKIT39A011028

Manufacturer: Anhui BeiAng Air Tech Ltd.

Test Time	Virus used	Aerosolized virus concentration (TCID ₅₀ /m ³) as measured in OFF mode	Aerosolized virus concentration (TCID ₅₀ /m ³) as measured in ON mode level 3	% reduction of titer
30 seconds	SARS-Cov2 B1 lineage	5.00x 10 ⁶	4.90x 10 ⁴ ± 2.5 x 10 ⁴	99.02

Methodology

Aerosolized virus using nebulizer in 0.17 m³ chamber

Measurement for 5 minutes on Vero E6 cells in 0.17 m³ chamber in ON and OFF mode (triplicate)

Incubation for 36 hours (37°C, 5% CO₂) and real-time RT-PCR quantification (SARS-Cov2 N, E)

Responsible for the analysis

Ioannis Karakasiliotis

Assistant Professor of Medical Biology – Molecular Virology

Department of Medicine, Democritus University of Thrace

BREATHE DIFFERENT



Reports & Certificates

Airdog X5



Silicon Valley Air Expert Inc.

Professional Lab Tests and Certificates

Data from Professional Testing Institutions



Suppression Effect of Formaldehyde
>99.9%



Suppression Effect of PM2.5
>99.9%



Suppression Effect of Total Bacteria Counts
>99.9%



5011468



Performance on Clean Air Delivery Rate (CADR) in terms of PM2.5 Removal
185.4 Cubic Feet/Minute (CFM) for X5



Ozone Emission
<0.01 PPM,
Undetectable



CADR particle : 219.5 CFM
CCM particle > 33000mg



CADR formaldehyde : 72.9 CFM
CCM formaldehyde > 1500mg



Executive Order G-18-068
The Clean Air Agency certified this air purifier is ozone safe.



Remove ultrafine particles down to 14.6 nanometer



中国认可
国际互认
检测
TESTING
CNAS L0095



Removal Rate of H3N2 Influenza Virus in 1h
99.876%



Catalogue

- Removal Rate of H3N2 Influenza virus - Guangdong Detection Center of Microbiology
- Test Report (Elimination Rate of Particulates, Bacteria Counts, Formaldehyde) - SGS
- PM2.5 Clean Air Delivery Rate (CADR) - TUV
- Ozone Concentration - TUV
- Test Report (Particulate Matter) - Vkan Certification & Testing Co., Ltd.
- Purification Efficiency of Particulate Matter (down to 14.6nm) - National Center of Quality Supervision and Inspection and Testing for Air Conditioning Equipment
- Formaldehyde Clean Air Delivery Rate (CADR) & Formaldehyde Cumulate Clean Mass (CCM) - Shanghai Municipal Bureau of Quality and Technical Supervision
- Rate of Bacteria Removal - Suzhou Institute of Measurement and Testing
- ISO9001
- ISO14001
- CQC
- ETL - Intertek
- Ozone - Intertek
- EMC - Intertek
- State of California AIR RESOURCES BOARD Certification (ozone emission)



广微测
Gmicro Testing

GUANGDONG DETECTION CENTER OF MICROBIOLOGY

REPORT FOR ANALYSIS

Report No.

2018FM01526R01E

Name of Sample

Airdog X5 Air Purifier

Applicant

Suzhou BeiAng Air Tech Ltd.

Test Type

Entrustment Test



Address: Building 59, No.100 Central Xian Lie Road, Guangzhou, China

Postcode: 510070

Tel: +86 20 87137666

Fax : +86 20 87137668

Website : www.gddcm.com



广微测
Gmicro Testing

GUANGDONG DETECTION CENTER OF MICROBIOLOGY



REPORT FOR ANALYSIS

Report No.:2018FM01526R01E Verification Code: 32716408

Name of Sample	Airdog X5 Air Purifier	Test Type	Entrustment Test
Applicant	Suzhou BeiAng Air Tech Ltd.	Address	No.188 xincheng Road.,SIP, Suzhou,Jiangsu, China,
Sample Source	Submitted for Testing by the Applicant	Sample Quantity	One Sample Submitted
Spec and Lot No of Sample	KJ300F-X5 Master-test, Cover type KJ300F-X3	State and Characteristic	Household appliances
Sample Received Date	2018-03-05	Test Completion Date	2018-03-26
Test Standard and Method	Refer to Technical Standard for Disinfection (2002 Ministry of Health P.R.China)-2.1.3		
Item Tested	Identification test of aerosolized virus elimination effect		
Test Conclusion	The test data of the sample(s) is attached to the page(s) of this report.		
Remarks	<p>1. Manufacturer: AnHui BeiAng Air Tech Ltd. (provided by the applicant)</p> <p>2. The sample KJ300F-X5 is add WIFI module to KJ300F-X3, no other difference. (provided by the applicant)</p>		

Issue Date: 2018-04-09

(Official Seal)



Editor: *Chen Yingting*

Verifier: *Shen Jias*

Approver: *Xie Xiaobao*



ANALYSIS AND TEST RESULT

Report No.: 2018FM01526R01E

Action Time	Virus and host cell	Data point	Aerosolized virus concentration in the test chamber (IU/m ³)	Removal rate (%)
1h	H3N2 Influenza virus Host cell: MDCK	Before test	1.4×10 ⁶	/
		After test	6.1×10 ²	

Note: The natural decay of the microorganisms in the air has been eliminated (blank below)

分析
测专用

Remarks	1.The experiment was performed in a 10m ³ test chamber 2. Working state: Press L4(the speed) to test.
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Report No.: 2018FM01526R01E

Notice Items

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2. The Test report is invalid without signature of verifier and approver.
3. The Test report is invalid if being supplemented, deleted or altered.
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7. For the tested sample(s) submitted by the applicant, the sample information in the test report is provided by the applicant and the laboratory is not responsible for its authenticity.
8. This test report is for reference only to the applicant and does not have a proof of effect for others.

检测中心章

Test Report

No. : CY/2019/40415

Date : 2019/05/23

Page : 1 of 4

SILICON VALLEY AIR EXPERT
2100 WALSH AVE. STE B1, SANTA CLARA, CA, 95050

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

Sample Submitted By : ANHUI BEIANG AIR TECH LTD.
Sample Description : AIRDOG X5 AIR PURIFIER
Style/Item No. : KJ300F-X5
Manufacturer/Vendor : ANHUI BEIANG AIR TECH LTD.
Country of Origin : CHINA
Sample Receiving Date : 2019/04/26
Testing Period : 2019/04/26 to 2019/05/16

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


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



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Test Report

No. : CY/2019/40415

Date : 2019/05/23

Page : 2 of 4

SILICON VALLEY AIR EXPERT
2100 WALSH AVE. STE B1, SANTA CLARA, CA, 95050

Test Result(s)

PART NAME No.1 : 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 PM2.5 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 PM2.5.

Test Item(s)	Unit	Control test	Experiment test	Elimination ratio(%)
Fine Suspended Particulates(PM2.5)	µg/m ³	1023	<1	>99.9

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 Item(s)	Unit	Control test	Experiment test	Elimination ratio(%)
Total Bacteria Counts	CFU/m ³	4005	<6	>99.9

Test Report

No. : CY/2019/40415

Date : 2019/05/23

Page : 3 of 4

SILICON VALLEY AIR EXPERT

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

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 Item(s)	Unit	Control test	Experiment test	Elimination ratio(%)
Formaldehyde	ppm	0.842	<0.001	>99.9

Test Report

No. : CY/2019/40415

Date : 2019/05/23

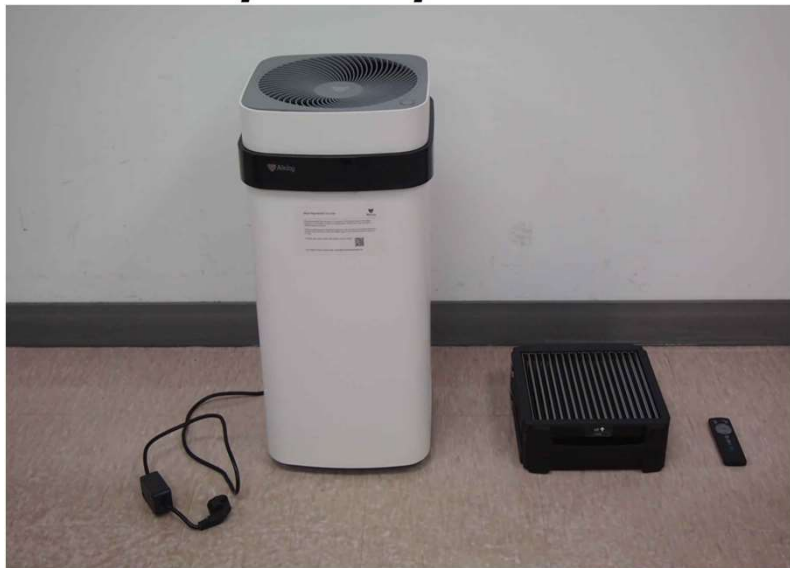
Page : 4 of 4

SILICON VALLEY AIR EXPERT

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

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

CY/2019/40415



** End of Report **

TEST REPORT: 7191161335-CHM17-YL-01

Date: 12 MAY 2017

Tel: +65 68851241 Fax: +65 67784301

Client's Ref:

Email: lei.yang@tuv-sud-psb.sg

Note: This report is issued subject to the Testing and Certification Regulations of the TÜV SÜD Group and the General Terms and Conditions of Business of TÜV SÜD PSB Pte Ltd. In addition, this report is governed by the terms set out within this report.



PSB Singapore

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SUBJECT

Test of ~~Philips~~ Air Purifier Model KJ300F-X5(equivalent) of Its Performance on Clean Air Delivery Rate (CADR) in terms of PM2.5 Removal

CLIENT

~~Malaysian General Electric Pte. Ltd.~~
3 Tuas Bay Road
Singapore 637758

~~Attn: Mr. Roger Jung~~

TEST DATE

05 May 2017

DESCRIPTION OF PRODUCT

The photo of ~~Philips~~ Air Purifier Model KJ300F-X5(equivalent) tested is showed in Annex A.

METHOD OF TEST

The Clean Air Delivery Rate (CADR) in terms of PM_{2.5} removal is performed by referring to AHAM AC-1-2015 Method for Measuring Performance of Portable Household Electric Room Air Cleaners and China GB/T 18801-2015 Air Cleaner.

Smoke is generated and introduced to a test chamber (Annex B). The ~~Philips~~ Air Purifier Model KJ300F-X5(equivalent) is adjusted to maximum fan speed mode. The concentration of PM_{2.5} is monitored by a particle counter for every 1 minute in 15 minutes in both natural decay condition and operation condition.



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TÜV SÜD Asia Pacific Pte. Ltd.
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RESULTS

1. Results of PM_{2.5} Concentration Monitored in Clean Air Delivery Rate (CADR) Test

Table 1 Results of PM_{2.5} Concentration Monitored in Clean Air Delivery Rate (CADR) Test

Time, Minute	PM _{2.5} -Natural Decay unit: µg/m ³	PM _{2.5} - XXXXXX Air Purifier Model KJ300F-X5(equivalent) unit: µg/m ³	Apparent Removal
0	3,334	3,315	0.0%
1	3,225	2,835	14.5%
2	3,125	2,283	31.1%
3	3,054	1,799	45.7%
4	2,975	1,412	57.4%
5	2,920	1,120	66.2%
6	2,858	886	73.3%
7	2,814	689	79.2%
8	2,745	538	83.8%
9	2,714	419	87.4%
10	2,673	333	90.0%
11	2,637	263	92.1%
12	2,584	213	93.6%
13	2,537	161	95.1%
14	2,509	126	96.2%
15	2,482	104	96.9%

2. Calculation of Clean Air Delivery Rate (CADR) in term of PM_{2.5} removal

The calculation of Clean Air Delivery Rate (CADR) in terms of PM_{2.5} removal is referring to AHAM AC-1-2015 Method for Measuring Performance of Portable Household Electric Room Air Cleaners. Detail calculation steps are listed in Annex C. The result of Clean Air Delivery Rate (CADR) of ~~XXXXXX~~ Air Purifier Model KJ300F-X5(equivalent) in term of PM_{2.5} removal is expressed as follows.

CADR_{PM_{2.5}} of ~~XXXXXX~~ Air Purifier Model KJ300F-X5(equivalent) = 5.25 m³/Minute Or

CADR_{PM_{2.5}} of ~~XXXXXX~~ Air Purifier Model KJ300F-X5(equivalent) = 185.4 Cubic Feet/Minute (CFM)



DR. YANG LEI
EXECUTIVE CONSULTANT
CHEMICAL CENTRE



DR. CHEN HUAYI
ASSISTANT VICE PRESIDENT
CHEMICAL CENTRE

TEST REPORT: 7191161335-CHM17-YL-01
12 MAY 2017



PSB Singapore

Annex A:

Product Name Air Purifier

Photo



Brand 

Model KJ300F-X5(equivalent)

TEST REPORT: 7191161335-CHM17-YL-02

Date: 12 MAY 2017

Tel: +65 68851241 Fax: +65 67784301

Client's Ref:

Email: lei.yang@tuv-sud-psb.sg

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SUBJECT

Test of ~~Prisma~~ Air Purifier Model KJ300F-X5 (equivalent) of Its Performance on Ozone Emission

CLIENT

~~Yokota Impact & Export Pte. Ltd.~~
~~3 Tuam Bay Street,~~
~~Singapore 107761~~

~~Attn: Mr. Roger Jung~~

TEST DATE

26 Apr 2017

DESCRIPTION OF PRODUCT

The photo of ~~Prisma~~ Air Purifier Model KJ300F-X5 (equivalent) tested is showed in Annex A.

METHOD OF TEST

The ~~Prisma~~ Air Purifier Model KJ300F-X5 (equivalent) power is switched on. The fan speed is adjusted to maximum. The concentration of ozone (O₃) at outlet of air flow is monitored by an ozone sensor meter for 30 minutes.



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Co. Reg : 199002667R

Regional Head Office:
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TUV®

RESULTS

Table 1 Results of ozone concentration at outlet of [REDACTED] Air Purifier Model KJ300F-X5 (equivalent) , unit: ppm

Time, Minute	Ozone level without [REDACTED] Air Purifier Model KJ300F-X5 (equivalent) in operation	Ozone level with [REDACTED] Air Purifier Model KJ300F-X5 (equivalent) in operation at maximum fan speed and "Ionic" is on
0	< 0.01	< 0.01
1	< 0.01	< 0.01
2	< 0.01	< 0.01
3	< 0.01	< 0.01
4	< 0.01	< 0.01
5	< 0.01	< 0.01
6	< 0.01	< 0.01
7	< 0.01	< 0.01
8	< 0.01	< 0.01
9	< 0.01	< 0.01
10	< 0.01	< 0.01
11	< 0.01	< 0.01
12	< 0.01	< 0.01
13	< 0.01	< 0.01
14	< 0.01	< 0.01
15	< 0.01	< 0.01
16	< 0.01	< 0.01
17	< 0.01	< 0.01
18	< 0.01	< 0.01
19	< 0.01	< 0.01
20	< 0.01	< 0.01
21	< 0.01	< 0.01
22	< 0.01	< 0.01
23	< 0.01	< 0.01
24	< 0.01	< 0.01
25	< 0.01	< 0.01
26	< 0.01	< 0.01
27	< 0.01	< 0.01
28	< 0.01	< 0.01
29	< 0.01	< 0.01
30	< 0.01	< 0.01

The allowable limit of zone concentration is no more than 0.05 ppm in NEA "Guidelines for Good Indoor Air Quality in Office Premises"



CONCLUSION

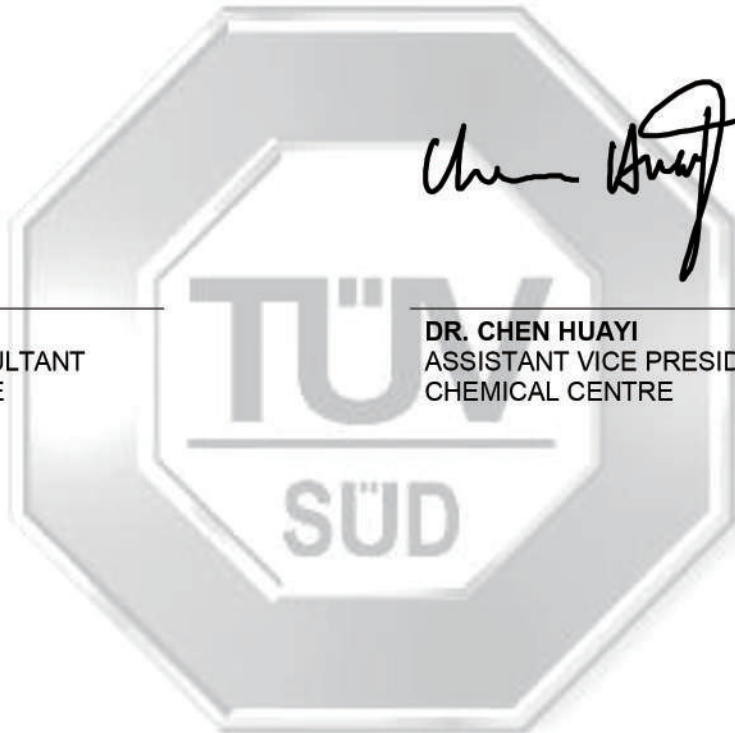
The maximum Ozone concentration in test chamber is less than 0.01 ppm in 30 minutes' operation of ~~Philips~~ Air Purifier Model KJ300F-X5 (equivalent) under highest fan speed. The ozone emission monitored in the test is within the allowable limit of no more than 0.05 ppm in Singapore National Environment Agency (NEA) "Guidelines for Good Indoor Air Quality in Office Premises".

A handwritten signature in black ink, appearing to read 'Yang Lei'.

DR. YANG LEI
EXECUTIVE CONSULTANT
CHEMICAL CENTRE

A handwritten signature in black ink, appearing to read 'Chen Huayi'.

DR. CHEN HUAYI
ASSISTANT VICE PRESIDENT
CHEMICAL CENTRE



Annex A:

Product Name Air Purifier

Photo



Brand **Philips**

Model KJ300F-X5 (equivalent)



中国认可
国际互认
检测
TESTING
CNAS L0095

共 10 页 第 1 页
No.: WTS2017-11737-2

检测报告

TEST REPORT

产品名称:
NAME OF SAMPLE

空气净化器

受检单位:
CLIENT

苏州贝昂科技有限公司

检测类别:
CLASSIFICATION OF TEST

委托检测



Vkan Certification & Testing Co., Ltd.

检测报告

TEST REPORT

No: WTS2017-11737-2

第 2 页 共 10 页

产品名称	空气净化器	商 标	/
型号规格	KJ300F-X5	样品等级	/
生产单位	安徽贝昂科技有限公司	委托单位	Suzhou Beiang Technology Co.,LTD
地 址	芜湖市三山区峨溪路 15 号	地 址	苏州园区新城路 188 号
样品数量	1 台	抽样人员	/
样品识别	1-1	抽样地点	/
接样方式	自送	抽样方式	/
检测类别	委托检测	抽样日期	/
接样日期	2017-06-13	完成日期	2017-08-10
检测依据	GB/T 18801-2015 《空气净化器》	Test item	1. CADR solid particulate matter 2. CCM solid particulate matter 3. Input power 4. Cleaning Energy Efficiency of solid particulate matter
检 测 结 论	<p>根据委托方的要求,对送检的空气净化器依据 GB/T 18801-2015 进行了固态颗粒物洁净空气量(CADR)、固态颗粒物累积净化量(CCM)、输入功率和固态颗粒物净化能效的测试。 经检测,所检空气净化器符合标准要求。 (以下空白)</p> <div style="text-align: right;"><p>签发日期: 2017 年 08 月 10 日</p></div>		

批 准: 杨贤飞

审 核: 谢剑飞

主 检: 许来春

签 名: 杨贤飞

签 名: 谢剑飞

签 名: 许来春

Sample photo



附表 1 试验结果汇总表

章条	检测项目		单位	实测值	标称值	限定值	判定	
5.1	有害物质释放量	臭氧浓度(24h)	ppm	—	—	≤0.05	/	
		臭氧浓度 (出风口 5cm 处)	mg/m ³	—	—	≤0.10	/	
		紫外线强度 (装置周边 30cm 处)	μ W/cm ²	—	—	≤5	/	
		TVOC 浓度 (出风口 20cm 处)	mg/m ³	—	—	≤0.15	/	
		PM10 浓度 (出风口 20cm 处)	mg/m ³	—	—	≤0.07	/	
5.2	待机功率		W	—	—	≤2.0	/	
5.3	Clean air delivery rate	Particulate matter	m ³ /h	373.4	340	≥90% of nominal value	P	
		甲醛		—	—		/	
		TVOC		—	—		/	
5.4	Cumulate clean mass	Particulate matter	区间分档	>33000 (P4)	P4	Same as nominal range	P	
		甲醛		—	—		/	
5.5	Cleaning energy efficiency	Input power	W	56.1	—	—	/	
		Particulate matter	m ³ (h.W)	6.66	—	≥90% of nominal value		P
						Qualified Level	—	
						High-Efficient Level	P	
		甲醛	m ³ (h.W)	—	—	≥标称值的 90%		/
						合格级	—	
						高效级	—	
		其他化学污染物 (如甲苯)	m ³ (h.W)	—	—	≥标称值的 90%		/
合格级	—							
高效级	—							

Test Data of Particulate Matter CADR and Cleaning Energy Efficiency

取样点 序号	Time point /min	Natural decay	Total decay	Fitted Curve
		concentration (number/L)	concentration (number/L)	
1	0	10214949	16611588	<p>natural decay curve</p> <p>total decay curve</p>
2	2	10152696	11945321	
3	4	10094355	7722581	
4	6	10027400	4935583	
5	8	9949013	3440253	
6	10	9893930	2150440	
7	12	9846836	1468121	
8	14	9813727	1173724	
9	16	9769068	522660	
10	18	9680208	411874	
11	20	9656969	284876	
decay coefficient /min ⁻¹		0.002833	0.210260	
R ²		0.993	0.998	
		nominal	measured value	
CADR/(m ³ /h)		—	373.4	
output power/W		—	56.1	
cleaning energy efficiency/m ³		—	6.66	

试验说明:

1.测试污染物: 颗粒物

2.能效水平:

cleaning energy efficiency level	cleaning energy efficiency η_{particle} (m ³ /(W.h))
high-efficient level	$\eta \geq 5.00$
qualified level	$2.00 \leq \eta \leq 5.00$

Test Data of Particulate Matter CCM

序号	Total accumulative PM2.5 from cigarette mg	Particulate matter CADR (m ³ /h)	R ²	与初始值的 百分比值
0	0	373.4	—	—
1	13200	378.6	—	—
2	33000	372.5	—	—
3	—	—	—	—
4	—	—	—	—
5	—	—	—	—
6	—	—	—	—
拟合曲线	—			
CCM particle /mg	>33000			
区间分档	P4			
试验说明： 1.测试程序：最高档 2.测试条件：加速试验舱：3m ³ 3.区间分档：				
区间分档		CCM 颗粒物 mg		
P1		3000≤CCM<5000		
P2		5000≤CCM<8000		
P3		8000≤CCM<12000		
P4		12000≤CCM		

检 验 报 告

TEST REPORT

国空质检（委）字（2016）第 A483 号

产品名称

Name of Product 空气净化器

委托单位

Client 苏州贝昂科技有限公司

生产单位

Manufacturer 苏州贝昂科技有限公司

检验类别

Test Category 委托检验


国家空调设备质量监督检验中心

National Center of Quality Supervision and Inspection and
Testing for Air Conditioning Equipment

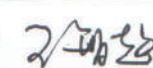
National Center of Quality Supervision
and Inspection and Testing for Air Conditioning Equipment
Test Report

报告编号: 2016A483

共 9 页 第 1 页

样品编号	2016A483		
产品名称	空气净化器	规格型号	KJ300F-X5
		商 标	贝昂
委托单位	苏州贝昂科技有限公司	出厂编号	/
		生产日期	2016年5月
生产单位	苏州贝昂科技有限公司	送样数量	1台
		送样日期	2016年7月6日
检验类别	委托检验	检验日期	2016年7月28日
委托单位 地址	Suzhou Beiang Technology CO.,LTD		
检验依据	检测方案 BEET-FA-46		
检验地点	北京市通州区徐辛庄葛渠村北口		
检验用 仪器、装置	30m ³ environmental test chamber, condensation particle counter, laser particle counter		
检验项目	Purification Efficiency of Particulate Matter		
检 验 结 论	检验结果详见第 4-8 页。 以下空白。		
	 检验单位公章 签发日期: 2016年 8月 6日		

批准: 

审核: 

主检: 

National Center of Quality Supervision
and Inspection and Testing for Air Conditioning Equipment
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样品编号		2016A483					
Test Result							
test item	time point (min)	concentration (number/L)			natural decay rate		
		14.6nm	51.4 nm	101.8 nm	14.6nm	51.4 nm	101.8 nm
natural decay rate	0	683075	150277	2330680	/	/	/
	2	653125	182334	2407040	4.4	-21.3	-3.3
	4	709562	171234	2364890	-3.9	-13.9	-1.5
	6	694569	141666	2153350	-1.7	5.7	7.6
	8	787343	122375	2094930	-15.3	18.6	10.1
	10	648627	123907	2079560	5.0	17.5	10.8
	12	752251	117463	1971660	-10.1	21.8	15.4
	14	708728	116870	1941460	-3.8	22.2	16.7
	16	721586	102012	1932680	-5.6	32.1	17.1
	18	676321	85346	1868210	1.0	43.2	19.8
	20	673549	91973	1836070	1.4	38.8	21.2
	22	741501	88756	1716820	-8.6	40.9	26.3
	24	727771	76328	1735760	-6.5	49.2	25.5
	26	584841	79145	1632350	14.4	47.3	30.0
	28	628993	89367	1625220	7.9	40.5	30.3
	30	573733	69755	1622570	16.0	53.6	30.4
	32	703389	54216	1586820	-3.0	63.9	31.9
	34	580675	55067	1529240	15.0	63.4	34.4
	36	588053	74083	1646270	13.9	50.7	29.4
	38	651982	55823	1532060	4.6	62.9	34.3
40	666880	65062	1557150	2.4	56.7	33.2	
42	560921	62528	1495950	17.9	58.4	35.8	
44	555566	47887	1504000	18.7	68.1	35.5	
46	525225	56293	1390060	23.1	62.5	40.4	
48	638738	54729	1398920	6.5	63.6	40.0	
50	626971	50388	1437990	8.2	66.5	38.3	
52	678742	38306	1348580	0.6	74.5	42.1	
54	596455	43284	1328390	12.7	71.2	43.0	
56	647734	43760	1334340	5.2	70.9	42.7	
58	598084	48293	1283060	12.4	67.9	44.9	
60	487878	48391	1318210	28.6	67.8	43.4	

National Center of Quality Supervision
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样品编号		2016A483					
Test Result							
test item	time point (min)	concentration (number/L)			natural decay rate		
		14.6nm	51.4 nm	101.8 nm	14.6nm	51.4 nm	101.8 nm
natural decay rate	62	549851	32906	1312760	19.5	78.1	43.7
	64	511649	32174	1313940	25.1	78.6	43.6
	66	513933	38378	1230620	24.8	74.5	47.2
	68	491172	37474	1228790	28.1	75.1	47.3
	70	569061	24340	1191950	16.7	83.8	48.9
	72	581752	25798	1162140	14.8	82.8	50.1
	74	603076	25673	1162710	11.7	82.9	50.1
	76	547547	28559	1187760	19.8	81.0	49.0
	78	491522	30389	1177560	28.0	79.8	49.5
	80	554257	29626	1050250	18.9	80.3	54.9
	82	483866	29550	1121110	29.2	80.3	51.9
	84	510870	31342	1048150	25.2	79.1	55.0
	86	538991	28722	1032900	21.1	80.9	55.7
	88	543392	19153	1066620	20.4	87.3	54.2
	90	486638	20922	992780	28.8	86.1	57.4
	92	538157	24488	934515	21.2	83.7	59.9
	94	471251	24131	951347	31.0	83.9	59.2
	96	522970	19047	940447	23.4	87.3	59.6
	98	529634	14247	902972	22.5	90.5	61.3
	100	467239	17433	905917	31.6	88.4	61.1
102	458281	14456	888884	32.9	90.4	61.9	
104	498572	15789	831132	27.0	89.5	64.3	
106	456584	13218	843644	33.2	91.2	63.8	
108	470054	14279	824640	31.2	90.5	64.6	
110	448802	15075	829167	34.3	90.0	64.4	
112	449234	14141	787301	34.2	90.6	66.2	
114	458286	15325	885177	32.9	89.8	62.0	
116	529634	14247	902972	22.5	90.5	61.3	
118	460301	16830	903306	32.6	88.8	61.2	
120	467239	17433	905917	31.6	88.4	61.1	

National Center of Quality Supervision
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Test Report

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样品编号		2016A483					
Test Result							
test item	time point (min)	concentration (number/L)			purification efficiency		
		14.6nm	51.4 nm	101.8 nm	14.6nm	51.4 nm	101.8 nm
purification efficiency	0	429359	168161	897965	/	/	/
	2	280836	98386	596610	34.6	41.5	33.6
	4	176650	93156	439567	58.9	44.6	51.0
	6	84952	47803	302540	80.2	71.6	66.3
	8	69921	45054	191386	83.7	73.2	78.7
	10	50248	21101	160967	88.3	87.5	82.1
	12	30379	22928	115989	92.9	86.4	87.1
	14	29228	17380	77018	93.2	89.7	91.4
	16	12340	8859	51377	97.1	94.7	94.3
	18	6823	6698	44981	98.4	96.0	95.0
	20	7019	3543	26188	98.4	97.9	97.1
	22	6626	2233	19529	98.5	98.7	97.8
	24	4680	1488	13009	98.9	99.1	98.6
	26	3162	1542	7425	99.3	99.1	99.2
	28	2340	1488	3963	99.5	99.1	99.6
	30	2340	1041	3819	99.5	99.4	99.6
	32	2340	889	4441	99.5	99.5	99.5
	34	2340	744	3223	99.5	99.6	99.6
	36	2143	704	3580	99.5	99.6	99.6
	38	1051	504	1193	99.8	99.7	99.9
40	1151	208	1790	99.7	99.9	99.8	
42	undetectable	103	980	>99.9	99.9	99.9	
44	undetectable	undetectable	1193	>99.9	>99.9	99.9	
46	undetectable	undetectable	1193	>99.9	>99.9	99.9	
48	undetectable	undetectable	836	>99.9	>99.9	99.9	
50	undetectable	undetectable	597	>99.9	>99.9	99.9	
52	undetectable	undetectable	583	>99.9	>99.9	99.9	
54	undetectable	undetectable	undetectable	>99.9	>99.9	>99.9	
56	undetectable	undetectable	undetectable	>99.9	>99.9	>99.9	
58	undetectable	undetectable	undetectable	>99.9	>99.9	>99.9	
60	undetectable	undetectable	undetectable	>99.9	>99.9	>99.9	

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样品编号		2016A483					
Test Result							
test item	time point (min)	concentration (number/L)			purification efficiency		
		14.6nm	51.4 nm	101.8 nm	14.6nm	51.4 nm	101.8 nm
purifi- cation effici- ency	62	undetectable	undetectable	undetectable	>99.9	>99.9	>99.9
	64	undetectable	undetectable	undetectable	>99.9	>99.9	>99.9
	66	undetectable	undetectable	undetectable	>99.9	>99.9	>99.9
	68	undetectable	undetectable	undetectable	>99.9	>99.9	>99.9
	70	undetectable	undetectable	undetectable	>99.9	>99.9	>99.9
	72	undetectable	undetectable	undetectable	>99.9	>99.9	>99.9
	74	undetectable	undetectable	undetectable	>99.9	>99.9	>99.9
	76	undetectable	undetectable	undetectable	>99.9	>99.9	>99.9
	78	undetectable	undetectable	undetectable	>99.9	>99.9	>99.9
	80	undetectable	undetectable	undetectable	>99.9	>99.9	>99.9
	82	undetectable	undetectable	undetectable	>99.9	>99.9	>99.9
	84	undetectable	undetectable	undetectable	>99.9	>99.9	>99.9
	86	undetectable	undetectable	undetectable	>99.9	>99.9	>99.9
	88	undetectable	undetectable	undetectable	>99.9	>99.9	>99.9
	90	undetectable	undetectable	undetectable	>99.9	>99.9	>99.9
	92	undetectable	undetectable	undetectable	>99.9	>99.9	>99.9
	94	undetectable	undetectable	undetectable	>99.9	>99.9	>99.9
	96	undetectable	undetectable	undetectable	>99.9	>99.9	>99.9
	98	undetectable	undetectable	undetectable	>99.9	>99.9	>99.9
	100	undetectable	undetectable	undetectable	>99.9	>99.9	>99.9
102	undetectable	undetectable	undetectable	>99.9	>99.9	>99.9	
104	undetectable	undetectable	undetectable	>99.9	>99.9	>99.9	
106	undetectable	undetectable	undetectable	>99.9	>99.9	>99.9	
108	undetectable	undetectable	undetectable	>99.9	>99.9	>99.9	
110	undetectable	undetectable	undetectable	>99.9	>99.9	>99.9	
112	undetectable	undetectable	undetectable	>99.9	>99.9	>99.9	
114	undetectable	undetectable	undetectable	>99.9	>99.9	>99.9	
116	undetectable	undetectable	undetectable	>99.9	>99.9	>99.9	
118	undetectable	undetectable	undetectable	>99.9	>99.9	>99.9	
120	undetectable	undetectable	undetectable	>99.9	>99.9	>99.9	

国家空调设备质量监督检验中心 检 验 报 告

报告编号: 2016A483

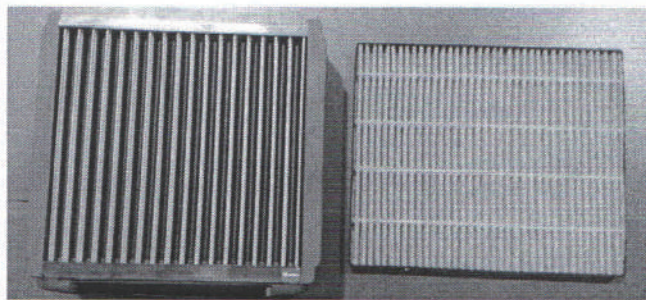
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样品编号	2016A483
样 品 描 述	
生产单位	Suzhou Beiang Technology Co.,LTD
规格型号	KJ300F-X5
外形尺寸 (mm)	/
输入电压 (V/Hz)	100~240/50/60
输入功率 (W)	55
额定风量 (m ³ /h)	/
出厂编号	/
生产日期	2016 年 5 月

备注: 以下为样品照片。



外观



内部配件



中国认可
国际互认
检测
TESTING
CNAS L0134

报告编号:

2016120-35-889685

2015090235U

(2015)沪质监认字071号

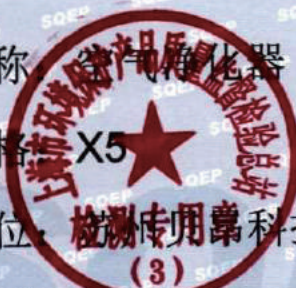
检测报告

产品名称: 空气净化器

型号规格: X5

委托单位: 检测专用章科技有限公司

检测类别: 委托检测



上海环保产品质量监督

上海市环境保护产品质量监督检验总站



Test Report

报告编号: 2016I20-35-889685

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产品名称	空气净化器			型号规格	X5	
				商标	贝昂	
任务来源	企业委托			检测类别	委托检测	
委托单位名称	Suzhou Beiang Technology Co.,LTD					
生产企业名称	Suzhou Beiang Technology Co.,LTD					
产品等级	合格品	批号(编号)	生产日期	/	样品数量	1台
委托日期	2016年10月10日		检测地点	上海市宜山路716号		
到样日期	2016年10月10日		委托单编号	DZ0001858		
样品状态描述	主机运行正常。					
Test Items	Formaldehyde CADR, Formaldehyde CCM					
检测日期	2016年10月10日至2016年11月23日					
检测结论	按照上述检测依据检测, 数据详见本报告检测结果汇总表					
委托单位 通讯资料	地址	苏州园区新城路188号				
	邮编	215125	电话	0512-61915562		
	备注	本栏空白。				



主检:

[Signature]

审核:

[Signature]

批准:

[Signature]

Test Report

报告编号: 2016I20-35-889685

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Test Result							
No.	Test item	unit	test requirement	test result			单项判定
1	CADR formaldehyde	m ³ /h	/	CCM	CADR	Percentage of initial value	/
				0mg	126	/	
				300mg	123	98%	
				600mg	140	111%	
				1000mg	106	84%	
				1500mg	82	65%	
2	CCM formaldehyde	mg	F1 300≤CCM<600 F2 600≤CCM<1000 F3 1000≤CCM<1500 F4 1500≤CCM	>1500			F4
本栏空白							
备注	厂家送检的型号为 X5 的空气净化器与型号为 KJ300F-X3 的空气净化器仅为型号与 WIFI 功能不同，型号为 X5 的空气净化器带有 WIFI 功能，型号为 KJ300F-X3 的空气净化器不带有 WIFI 功能，其余内部结构及功能完全一致。						

检测结果内容结束。

Test Report

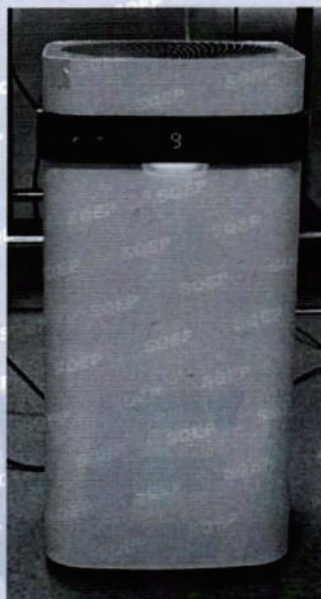
报告编号: 2016120-35-889685

共 3 页 第 3 页

检测情况说明

- 1、检测时样品正常, 无异常情况发生。
- 2、检测时仪器工作正常, 无异常情况发生。
- 3、检测用样品照片:

样品状态和
检测过程描述



实验室
状态描述

实验室温度: (23~27) °C;
实验室湿度: (40~60) %RH.

检测用
主要仪器

大气采样器 (BSH2810); 紫外可见分光光度计 (0761080800006) 等。

备注

本栏空白。

检测合格

上海环境检测中心



2015年度监督证 F066号



151020110007




检测
CNAS L015B



检测报告

Test Report

报告编号: 
Report No. 100002005

产品名称
Sample Name

空气净化器

委托单位
Client

苏州贝昂科技有限公司

生产单位
Manufacturer

检测类别
Test Type

委托检测

江苏省洁净设备计量质量监督检验中心

Jiangsu Calibration and Supervision and Inspection Center of Clean Equipment

苏州市计量测试研究所

Suzhou Institute of Measurement and Testing Technology



苏州市计量测试研究所

Suzhou Institute of Measurement and Testing

检测报告 Test Report



100002005

共4页第1页 Page No:4-1

样品名称 Sample Name	空气净化器 Air Cleaner		合同书编号 Contract No.	9006184	
型号规格 Specifications	X3/5		商标 Brand	BEIANG	
任务来源 Being Tested from	客户委托 Client		检测类别 Test Type	委托检测 Commission Test	
委托单位\地址\电话 Client\Add.\Tel.	Suzhou Beiang Technology Co.,LTD		苏州工业园区金芳路11号	13812627326	
生产单位\地址\电话 Manufacture\Add.\Tel.	—		—	—	
样品状态 Sample Description	符合检测要求 Meet Test Requirements		生产日期\出厂编号 Production Date\Serial No.	—\—	
样品到达日期 Samples Arrival date	2017-01-10	检验日期 Test date	2017-01-11~2017-01-16	样品数量 Sample quantities	1
检测地址 Test Add.	苏州市计量测试研究所·苏州市工业园区娄阳路6号 Suzhou Institute of Measurement and Testing·6 Louyang Road Suzhou Industrial Park				
检测和判定依据 Test Standard and Methods	GB/T 18801-2015《空气净化器》 GB 21551.3-2010《家用和类似用途电器的抗菌、除菌、净化功能空气净化器的特殊要求》				
检测结论 Test Conclusion	—				
备注 Note	—				

主检: 万龙
Editor

审核: 吴振一
Inspector

批准: 史五峰
Approval

签发日期: 2017-01-17
Signature date

Suzhou Institute of Measurement and Testing

(检测专用章)
Stamp of Testing



苏州市计量测试研究所

检测报告 Test Report

100002005

共 4 页第 2 页 Page No:4-2

检测结果:

Time (h)	Test Bacteria	Test Number	Contrast			Experiment		Rate of Bacteria Removal K_t (%)
			Before V_0 (cfu/m ³)	After V_t (cfu/m ³)	Natural Decay Rate N_t (%)	Before V_1 (cfu/m ³)	After V_2 (cfu/m ³)	
1	Staphylococcus albus	1	5.85×10^4	4.92×10^4	15.94	7.35×10^4	2.79×10^3	99.95
		2	7.79×10^4	6.21×10^4	20.27	6.31×10^4	2.28×10^3	99.95
		3	7.67×10^4	6.11×10^4	20.44	1.04×10^5	4.64×10^3	99.94
		Average						99.95

检测说明:

1. 试验器材

- 1) 菌种: 白色葡萄球菌
- 2) 微生物气溶胶发生器: TK-3
- 3) 培养基: 普通营养琼脂培养基
- 4) 采样器: 六级筛孔空气撞击式采样器

2. 测试条件

- 1) 试验舱容积: 30m³
- 2) 环境温湿度: 20℃~25℃、50%RH~70%RH

3. 机器运行状态

试验过程开启“L4档”。

4. 测试步骤

- 1) 取第4~7代培养24h的细菌斜面培养物,用营养肉汤稀释至适宜浓度,制成雾化菌悬液。
- 2) 将实验器材放入气雾室,并关闭舱门,开启高效过滤器净化,同时调节气雾室温度为20℃~25℃,相对湿度为50%RH~70%RH。
- 3) 喷雾染菌:开启微生物气溶胶发生器,染菌20s~40s,喷雾染菌完毕后,风扇继续搅拌10min,然后静置15min。
- 4) 对试验组和对照组分别用六级筛孔空气撞击式采样器采样
- 5) 试验组开启空气净化器运行,作用1h后采样,对照组也在相应时间段采样。
- 6) 取未用的同批培养基2份,与试验采样的样本同时进行培养,作为阴性对照。
- 7) 试验重复3次,取3次试验结果的算术平均值为最后的试验结果。

5. 计算公式

自然死亡率 N_t (%) = $\frac{V_0 - V_t}{V_0} \times 100$ (V_0 为对照组试验前空气含菌量, V_t 为对照组试验后空气含菌量)

除菌率 K_t (%) = $\frac{V_1 \times (1 - N_t) - V_2}{V_1 \times (1 - N_t)} \times 100$ (V_1 为试验组试验前空气含菌量, V_2 为试验组试验后空气含菌量)

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苏州市计量测试研究所

检测报告 Test Report

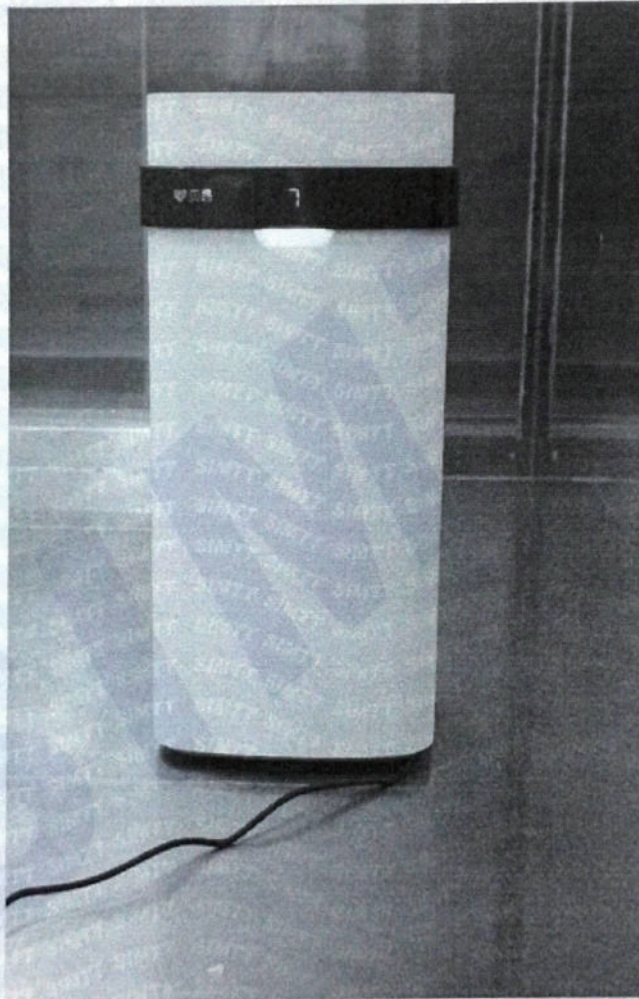
100002005

共 4 页第 3 页 Page No:4-3

检测情况说明

Test specification

检测样品
照片



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QUALITY MANAGEMENT SYSTEM CERTIFICATE

Certificate No.: 04618Q12924R2M

We hereby certify that the organization:
Suzhou Bei'ang Technology Co., Ltd.

Unified social credit code: 913205946933721487

is in conformity with Quality Management System Standard:
GB/T19001-2016 / ISO9001:2015

The certificate is valid to the following product(s)/service:
**Research & Development and Sales of Air Cleaning
Equipment**

Registration Address: No. 188, Xincheng Road, SIP, Suzhou City, Jiangsu Province,
P. R. China

Physical Address: No. 16-B302, SISPARK, No. 328, Xinghu Street, SIP, Suzhou City,
Jiangsu Province, P. R. China

Date of Issue: 2018-07-23

Date of Expiry: 2021-07-22

Date of Initial Issue: 2012-08-23

Issued By



中国认可
国际互认
管理体系
MANAGEMENT SYSTEM
CNAS C046-M



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Meanwhile, you can search the website of certification body: www.hicchina.com.cn,
or search the CNCA website: www.cnca.gov.cn.

Beijing Head International Certification Co., Ltd.

Address: Room 1601, Building 5, No. 19, Belyuan East Road, Chaoyang District, Beijing, P. R. China (100012)

ISO9001

ISO 14001



ENVIRONMENTAL MANAGEMENT SYSTEM CERTIFICATE

Certificate No.: 04618E11261R2M

We hereby certify that the organization:
Suzhou Bei'ang Technology Co., Ltd.

Unified social credit code: 913205946933721487

is in conformity with Environmental Management System Standard:
GB/T24001-2016 / ISO14001:2015

The certificate is valid to the following product(s)/service:
**Research & Development, Sales and Related
Management Activities of Air Cleaning Equipment**

Registration Address: No. 188, Xincheng Road, SIP, Suzhou City, Jiangsu Province,
P. R. China

Physical Address: No. 16-B302, SISPARK, No. 328, Xinghu Street, SIP, Suzhou City,
Jiangsu Province, P. R. China

Date of Issue: 2018-07-23

Date of Expiry: 2021-07-22

Date of Initial Issue: 2012-09-20

Issued By



中国认可
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Meanwhile, you can search the website of certification body: www.hicchina.com.cn,
or search the CNCA website: www.cnca.gov.cn.

Beijing Head International Certification Co., Ltd.



产品认证证书

证书编号: CQC16008160280

申请人名称及地址

苏州贝昂科技有限公司
江苏省苏州工业园区新城路188号

制造商名称及地址

苏州贝昂科技有限公司
江苏省苏州工业园区新城路188号

生产企业名称及地址

苏州贝昂科技有限公司 (V020837)
江苏省苏州工业园区新城路188号

产品名称和系列、规格、型号

空气净化器

KJ300F-X3, X5, X5 plus 100-240V - 50-60Hz 60W

产品标准和技术要求

GB4706.1-2005, GB4706.45-2008

认证模式

产品型式试验+初次工厂检查+获证后监督

上述产品符合CQC64-448157-2014认证规则的要求, 特发此证。

发证日期: 2016年12月08日

证书有效期内本证书的有效性依据发证机构的定期监督获得保持。

主任: _____



中国质量认证中心

中国·北京·南四环西路188号9区100070

<http://www.cqc.com.cn>

C 0093179



CERTIFICATE

Issued Date: 2017/04/05
Report No. : 1732052E-IT-US-P02V01

This is to certify that the following designated product

Product : Airdog
Trade name : N/A
Model Number : X5
Company Name : Silicon Valley Air Expert

This product, which has been issued the test report listed as above in DEKRA Testing and Certification Co., Ltd. Laboratory, is based on a single evaluation of one sample and confirmed to comply with the requirements of the following EMC standard.

FCC CFR Title 47 Part 18: 2013
FCC/OET MP-5: 1986

TEST LABORATORY

A handwritten signature in black ink, appearing to read "Vincent Lin".

Vincent Lin / Director

This authorizes the application of the Certification Mark(s) shown below to the models described in the Product(s) Covered section when made in accordance with the conditions set forth in the Certification Agreement and Listing Report. This authorization also applies to multiple listee model(s) identified on the correlation page of the Listing Report.

This document is the property of Intertek Testing Services and is not transferable. The certification mark(s) may be applied only at the location of the Party Authorized To Apply Mark.

Applicant: Silicon Valley Air Expert	Manufacturer: Anhui BeiAng Air Tech Ltd.
Address: 2051 Junction Avenue, San Jose, CA 95164	Address: No.15, Exi Rd., San Shan District, Wuhu, Anhui
Country: USA	Country: China
Contact: Yan Zhang	Contact: Wang Bo
Phone: 408-912-1798	Phone: 0086-0512-62930372
FAX: NA	FAX: NA
Email: yan@beiangtech.com	Email: gwang@beiangtech.com
Party Authorized To Apply Mark: Same as Manufacturer	
Report Issuing Office: Intertek Testing Services Shanghai Limited	

Control Number: 5011468

Authorized by:  for Dean Davidson, Certification Manager



This document supersedes all previous Authorizations to Mark for the noted Report Number.

This Authorization to Mark is for the exclusive use of Intertek's Client and is provided pursuant to the Certification agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Authorization to Mark. Only the Client is authorized to permit copying or distribution of this Authorization to Mark and then only in its entirety. Use of Intertek is restricted to the conditions laid out in the agreement and in this Authorization to Mark. Any further use of the Intertek name for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. Initial Factory Assessments and Follow up Services are for the purpose of assuring appropriate usage of the Certification mark in accordance with the agreement, they are not for the purposes of production quality control and do not relieve the Client of their obligations in this respect.

Intertek Testing Services NA Inc.
545 East Algonquin Road, Arlington Heights, IL 60005
Telephone 800-345-3851 or 847-439-5667 Fax 312-283-1672

Standard(s):	Electrostatic Air Cleaners [UL 867:2011 Ed.5 +R:16Sep2016] Electrostatic Air Cleaners [CSA C22.2#187:2015 Ed.4]
Product:	Air Purifier
Brand Name:	Airdog
Models:	KJ300F-X5, KJ300F-X5S, KJ300F-X3, KJ300F-X3S

Silicon Valley Air Expert OZONE TEST REPORT

SCOPE OF WORK

Ozone Emissions Testing of Air Purifier for Model: KJ300F-X5

REPORT NUMBER

180112004GZU-001

ISSUE DATE

19-June-2018

PAGES

14

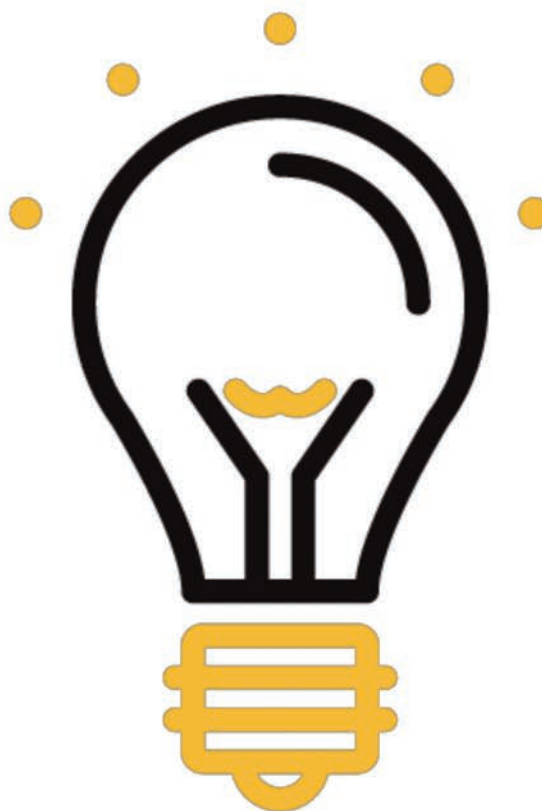
QUOTE NUMBER

QGZ180108037

DOCUMENT CONTROL NUMBER

GFT-OP-10o (16-Oct-2017)

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TEST REPORT FOR SILICON VALLEY AIR EXPERT

Report No.: 180112004GZU-001

Date: Jun. 19, 2018

Contact Name: Yan Zhang

Address: 2051 Junction Avenue, San Jose, Ca, 95164 USA

Phone: 408-912-1798

Email: yan@beiangtech.com

SECTION 1

SUMMARY

The representative sample(s) have been tested, investigated, and found to comply with the requirements of standards:

Electrostatic Air Cleaners, [UL 867:2011 Ed.5 +R:16Sep2016], Section 40

Electrostatic Air Cleaners, [CSA C22.2#187:2015 Ed.4], Section 7.4

The equipment identified in this report has been found to meet the criteria for emittance of ozone not exceeding a concentration of 0.050 ppm. Furthermore, a second sample was not required to be tested, according to UL 867, as the first sample's maximum emissions were less than 0.030 ppm, which satisfies the exception in the Section 40.1.1.

This report completes our evaluation covered by Intertek Project Number 180112004GZU which has been authorized by Intertek quote number: QGZ180108037. If there are any questions regarding the results contained in this report, or any of the other services offered by Intertek, please do not hesitate to contact the above signed.

OZONE EMISSIONS SUMMARY

FAN SPEED	FILTER(S)	O3/VOLTAGE SETTING	C(t) _{max} [ppm]
Turbo	Pre-filter/ESP/Carbon	-	0.006
Sleep	Pre-filter/ESP/Carbon	-	0.011
Sleep	Pre-filter/Carbon	-	0.001
Sleep	ESP	-	0.028
<i>The maximum Time-Weighted-Average: 0.028 ppmv</i>			

Completed by: Sunny Zhou
Title: Assistant Technical Manager

Signature: 

Date: Jun. 1, 2018

Reviewed by: Jacob Langenbacher
Title: Lead Engineer

Signature: 

Date: Jun. 19, 2018

This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only to the sample tested. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

EMC Test Report

No. 180100379SHA-001

Applicant : Silicon Valley Air Expert
2051 JUNCTION AVENUE SAN JOSE CA 95131, USA

Manufacturing site : Anhui BeiAng Air Tech Ltd.
No. 15, Exi Rd., San Shan District, Wuhu, Anhui
Province, P.R. China

Product Name : Air Purifier

Type/Model : KJ300F-X5, KJ300F-X5S, KJ300F-X3, KJ300F-X3S

TEST RESULT : PASS

SUMMARY

The equipment complies with the requirements according to the following standards:

47CFR PART 18: 2017: INDUSTRIAL, SCIENTIFIC AND MEDICAL EQUIPMENT

Date of issue: June 05, 2018

Prepared by:



Erick Liu (*Project engineer*)

Approved by:



Daniel Zhao (*Reviewer*)

**State of California
AIR RESOURCES BOARD**

EXECUTIVE ORDER G-18-068

Relating to Certification of Indoor Air Cleaning Devices

Silicon Valley Air Expert

Brand: Airdog

Model(s): KJ300F-X5, KJ300F-X5S, KJ300F-X3, KJ300F-X3S

WHEREAS, the California Air Resources Board (ARB) was given authority under California Health and Safety Code (HSC) sections 41985 and 41986 to develop and adopt regulations to protect public health from ozone emitted by indoor air cleaning devices used in occupied spaces;

WHEREAS, sections 41986(b)(2) and 41986(b)(3) of the HSC require ARB to include in its regulation testing and certification procedures that enable the Board to verify that an indoor air cleaning device meets the applicable emission concentration standard;

WHEREAS, ARB adopted sections 94800 through 94810, title 17, California Code of Regulations (CCR) on September 27, 2007 which include testing and certification requirements and specify the necessary information required in any application for certification;

WHEREAS, ARB has specified in CCR section 94805 that all indoor air cleaning devices, unless exempted, must be tested following ANSI/UL Standard 867, or ANSI/UL Standard 507 for mechanical filtration devices, to assure that the ozone emission concentration limit of 0.050 ppm and the electrical safety requirements have been met;

WHEREAS, Silicon Valley Air Expert has submitted an application for certification of the following Airdog brand indoor air cleaning devices: Air Purifier model; Model Numbers KJ300F-X5, KJ300F-X5S, KJ300F-X3 and KJ300F-X3S;

WHEREAS, Silicon Valley Air Expert has submitted the required documentation of testing results from a Nationally Recognized Testing Laboratory as required in CCR section 94804;

WHEREAS, the Silicon Valley Air Expert application for certification of its air cleaning devices has been evaluated, and its air cleaners have been found to comply with the criteria for issuance of an executive order;

NOW THEREFORE, pursuant to the authority vested in ARB by sections 39600 and 39601 of the HSC, and pursuant to the authority vested in the undersigned by sections 39515 and 39516 of the HSC;


IT IS ORDERED AND RESOLVED that the indoor air cleaners produced by Silicon Valley Air Expert as described in its application for certification of said devices are hereby certified as meeting the performance standards applicable to indoor air cleaning devices.

IT IS FURTHER ORDERED that Silicon Valley Air Expert must comply with the additional requirements specified in title 17, CCR sections 94806, 94807 and 94808 regarding labeling; noticing distributors, retailers and sellers; and recordkeeping, respectively;

IT IS FURTHER ORDERED that any alteration of the components or design of the certified indoor air cleaning models is prohibited and is inconsistent with this certification, unless said alteration has been approved by the Executive Officer or his designee;

IT IS FURTHER ORDERED that pursuant to CCR section 94809, if the Executive Officer determines a violation has occurred, he or she may order that the products involved in or affected by the violation be recalled and replaced with complying products. He or she may also assess penalties authorized by law, or revoke or modify this certification as provided in CCR section 94804(f).

Executed at Sacramento, California this 19th day of July 2018.


for: Bart E. Croes, P.E.
Chief, Research Division

cc: Richard W. Corey
Executive Officer



Silicon Valley Air Expert Inc.

support@siliconvalleyairexperts.com

1-800-958-9609, 9am ~ 5pm PST, Weekdays

2051 Junction Avenue, San Jose, CA 95131