Industrial Lab R.Reig

Doctor ROSER REIG RIUS director of **INDUSTRIAL LAB R. REIG, S.L**. with CIF B65324238 and address Garcilaso 4 in Sabadell (Barcelona) Spain,

CERTIFIES:

That INDUSTRIAL LAB R. REIG, S.L. has evaluated the efficiency of the **"Airdog Model X5"** equipment que **SODECA, S.L.U.** commercializes, analysing the environmental air: total aerobic bacteria and fungi, before and after the environmental treatment with the already mentioned equipment.

According to the tests carried out in the INDUSTRIAL LAB R. REIG, S.L. the tested **Airdog Model X5** equipment has showed **a reduction rate** of the total environmental aerobic bacteria **higher than 95%** and of the environmental fungi **higher than 94%**, after two hours of equipment operation.

After two hours of operation of the **Airdog Model X5 equipment NO ozone has been detected** in the treated environment **(< 0,001 ppm).**

Sabadell, December 16th 2020

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

Dra. Roser Reig

Directora

Industrial Lab R.Reig

Doctor ROSER REIG RIUS director of **INDUSTRIAL LAB R. REIG, S.L**. with CIF B65324238 and address Garcilaso 4 in Sabadell (Barcelona) Spain.

CERTIFIES:

That INDUSTRIAL LAB R. REIG, S.L. has obtained, on behalf of **SODECA, S.L.U**, a strain of MengoVirus vMCo CECT100000 from the Colección Española de Cultivos Tipo (Spanish Type Culture Collection).

Mengovirus is a virus of the Picornaviridae family, the same to which the SARS-CoV-2 coronavirus belongs, which causes the COVID-19 disease. Due to its similarity, this virus has been used to certificate the SARS-CoV-2 disinfection tests, according to the UNE-EN 14476 standard *(Antiseptics and chemical disinfectants; quantitative suspension test for the evaluation of viricidal activity in medicine; test methods and requirements*) to evaluate the efficacy of the "Airdog Model X5" that SODECA, S.L.U. commercializes, analyzing the air inoculated with the virus at the air exit of the machine before and after the treatment.

According to the tests carried out in the INDUSTRIAL LAB R. REIG, S.L. the tested Airdog Model X5 equipment has demonstrated, from 30 minutes, an antiviral activity on inoculated viruses of 100%.

After two hours of operation of the **Airdog Model X5 equipment NO ozone has been detected** in the treated environment **(< 0,001 ppm).**

Sabadell, December 16th 2020

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

Dra. Roser Reig

Director

ilac
ENAC ENSAYOS Nº LE/2176
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
GOBIERNO DE ESPAÑA MINISTERIO DE SANIDAD Y CONSUMO
ÁREA DE CALIDAD SANITARIA DE LAS AGUAS. REGISTRO
S. G. DE SANIDAD AMBIENTAL Y SALUD LABORAL

INDUSTRIAL LAB REIG

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Doctor ROSER REIG RIUS director of **INDUSTRIAL LAB R. REIG, S.L**. with CIF B65324238 and address Garcilaso 4 in Sabadell (Barcelona) Spain,

CERTIFIES:

That INDUSTRIAL LAB R. REIG, S.L. has evaluated the efficiency of the **"AIRDOG Model X8"** equipment that **SODECA, S.L.U.** commercializes, analysing the environmental air: total aerobic bacteria and fungi, before and after the environmental treatment with the already mentioned equipment.

According to the tests carried out in the INDUSTRIAL LAB R. REIG, S.L. the tested **AIRDOG Model X8** equipment has showed **a reduction rate** of the total environmental aerobic bacteria **of 96,88%** and of the environmental fungi **higher than 96%**, after 15 minutes of equipment operation.

After one hour of operation of the**AIRDOG Model X8 equipment NO ozone has been detected** in the treated environment **(< 0,001 ppm).**

Sabadell, January 25th 2021

INDUSTRIAL LAB REIG

Garcilaso, 4 Baixos
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Doctor Roser Reig

Director

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Doctor ROSER REIG RIUS director of **INDUSTRIAL LAB R. REIG, S.L**. with CIF B65324238 and address Garcilaso 4 in Sabadell (Barcelona) Spain.

CERTIFIES:

That INDUSTRIAL LAB R. REIG, S.L. has obtained, on behalf of **SODECA, S.L.U**, a strain of MengoVirusvMCo CECT100000 from the Colección Española de CultivosTipo (Spanish Type Culture Collection).

Mengoviruses are non-enveloped RNA viruses, just like the test microorganisms mentioned in the standard. The MengoVirus belongs to the Picornaviridae family and the coronavirus, which causes the COVID-19 disease, belongs to the Coronaviridae. Both viruses are class IV viruses in the Baltimore system and they have positive sense single-stranded RNA. Single-stranded RNA is ultimately the target of the destructive action, therefore, the mengovirus has been used to certificate the SARS-CoV-2 disinfection tests, according to the adaptation of the UNE-EN 14476 standard*(Antiseptics and chemical disinfectants; quantitative suspension test for the evaluation of viricidal activity in medicine; test methods and requirements*) to evaluate the efficacy of the "**AIRDOG Model X8**" that SODECA, S.L.U. commercializes, analyzing the air inoculated with the virus at the air exit of the machine before and after the treatment.

According to the tests carried out in the INDUSTRIAL LAB R. REIG, S.L. the tested **AIRDOG Model X8** equipment has demonstrated, **from 15 minutes, an antiviral activity** on inoculated viruses **of 100%.**

After one hour of operation of the **AIRDOG Model X8 equipment NO ozone has been detected** in the treated environment **(< 0.001 ppm).**

Sabadell, January 25th2021

INDUSTRIAL LAB REIG

Garcilaso, 4 Baixos
08201 Sabadell
935 959 560

Doctor Roser Reig

Director

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 (TCID50/m^3) as measured in OFF mode	Aerosolized virus concentration (TCID50/m^3) as measured in ON mode level 3	% reduction of titer
30 seconds	SARS-Cov2 B1 lineage	5.00×10^6	$4.90 \times 10^4 \pm 2.5 \times 10^4$	99.02

Methodology

Aerosolized virus using nebulizer in 0.17 m^3 chamber
Measurement for 5 minutes on Vero E6 cells in 0.17 m^3 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-18-68
The Clean Air Agency certified this air purifier is ozone safe.

160008222171

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 №. 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 №.: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 № 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. Issue Date：2018-04-09 (Official Seal)		
Remarks	1. Manufacturer：AnHui BeiAng Air Tech Ltd. (provided by the applicant) 2. The sample KJ300F-X5 is add WIFI module to KJ300F-X3, no other difference. (provided by the applicant)		

Editor: Chen Yingying **Verifier:** Sun Tiesi **Approver:** Xie Xiaobao

GUANGDONG DETECTION CENTER OF MICROBIOLOGY

ANALYSIS AND TEST RESULT

Report №.: 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	99.876

Note: The natural decay of the microorganisms in the air has been eliminated.

(blank below)

Remarks	1.The experiment was performed in a $10m^3$ test chamber 2. Working state: Press L4(the speed) to test.

Report №.：2018FM01526R01E

Notice Items

1. The Test report is invalid if not affixed with Authorized Stamp of Test and Paging Seal.
2. The Test report is invalid without signature of verifier and approver.
3. The Test report is invalid if being supplemented, deleted or altered.
4. Without prior written permission, the report cannot be reproduced, except in full.
5. Unless otherwise stated, the results shown in this test report refer only to the sample(s) submitted.
6. Any dispute of the report must be raised to the testing body within 15 days after the report is received, exceeding which the dispute will not be accepted。
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.

Test Report

No. : CY/2019/40415 Date : 2019/05/23

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 - Tech
Signed for and behalf of
SGS TAIWAN LTD.
Chemical Laboratory - Taipei

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)	$\mu g/m^3$	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

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

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

Choose certainty.
Add value.

SUBJECT

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

CLIENT

[redacted]

TEST DATE

05 May 2017

DESCRIPTION OF PRODUCT

The photo of [redacted] Air Purifier Mode 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 [redacted] 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.

TÜV SÜD PSB

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www.tuv-sud-psb.sg
Co. Reg : 199002667R

Regional Head Office:
TÜV SÜD Asia Pacific Pte. Ltd.
No.1 Science Park Drive, #02-01
Singapore 118221

PSB Singapore

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: $\mu g/m^3$	$PM_{2.5}$- [redacted] Air Purifier Model KJ300F-X5(equivalent) unit: $\mu g/m^3$	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 [redacted] Air Purifier Model KJ300F-X5(equivalent) in term of $PM_{2.5}$ removal is expressed as follows.

$CADR_{PM2.5}$ of [redacted] Air Purifier Model KJ300F-X5(equivalent) = **5.25** m^3/Minute Or

$CADR_{PM2.5}$ of [redacted] 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

PSB Singapore

Annex A:

Product Name	Air Purifier
Photo	
Brand	[redacted]
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

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

Choose certainty.
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SUBJECT

Test of [redacted] Air Purifier Model KJ300F-X5 (equivalent) of Its Performance on Ozone Emission

CLIENT

[redacted]

TEST DATE

26 Apr 2017

DESCRIPTION OF PRODUCT

The photo of [redacted] Air Purifier Model KJ300F-X5 (equivalent) tested is showed in Annex A.

METHOD OF TEST

The [redacted] Air Purifier Model KJ300F-X5 (equivalent) power is switched on. The fan speed is adjusted to maximum. The concentration of ozone (O_3) at outlet of air flow is monitored by an ozone sensor meter for 30 minutes.

TÜV SÜD PSB

Laboratory:
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Singapore 118221

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 [redacted] 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".

DR. YANG LEI
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CHEMICAL CENTRE

DR. CHEN HUAYI
ASSISTANT VICE PRESIDENT
CHEMICAL CENTRE

PSB Singapore

Annex A:

Product Name	Air Purifier
Photo	
Brand	[redacted]
Model	KJ300F-X5 (equivalent)

160008222171

中国认可
国际互认
检测
TESTING
CNAS L0095

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

威凯检测技术有限公司

(CVC)

检验检测专用章

Vkan Certification & Testing Co., Ltd.

检 测 报 告

TEST REPORT

№: WTS2017-11737-2

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

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）

检验检测技术有限公司 检验检测专用章

检测单位盖章

签发日期: 2017 年 08 月 10 日

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

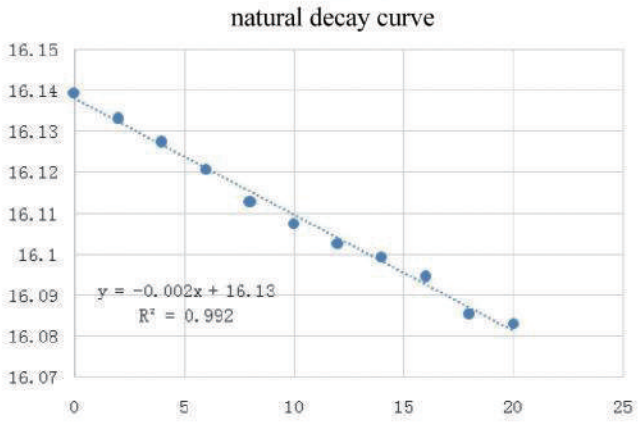
附表 1 试验结果汇总列表

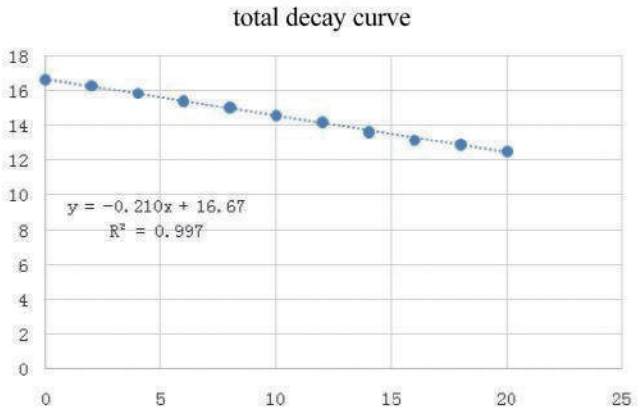
章条	检测项目		单位	实测值	标称值	限定值	判定
5.1	有害物质释放量	臭氧浓度(24h)	ppm	—	—	≤0.05	/
		臭氧浓度 (出风口 5cm 处)	mg/m³	—	—	≤0.10	/
		紫外线强度 (装置周边 30cm 处)	μW/cm²	—	—	≤5	/
		TVOC 浓度 (出风口 20cm 处)	mg/m³	—	—	≤0.15	/
		PM10 浓度 (出风口 20cm 处)	mg/m³	—	—	≤0.07	/
5.2	待机功率		W	—	—	≤2.0	/
5.3	Clean air delivery rate	Particulate matter	m³/h	373.4	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	m³/(h.W)	6.66	—	≥90% of nominal value Qualified Level — High-Efficient Level P	P
		甲醛		—	—	≥标称值的 90% 合格级 — 高效级 —	/
		其他化学污染物 (如甲苯)		—	—	≥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 concentration (number/L)	Total decay concentration (number/L)
1	0	10214949	16611588
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

Fitted Curve





	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 $\eta_{particle}$ (m^3/(W.h))
high-efficient level	$\eta \geqslant 5.00$
qualified level	$2.00 \leqslant \eta \leqslant 5.00$

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	30m³environmental 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

Test Report

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
and Inspection and Testing for Air Conditioning Equipment

Test Report

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
and Inspection and Testing for Air Conditioning Equipment

Test Report

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

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

Test Report

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	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

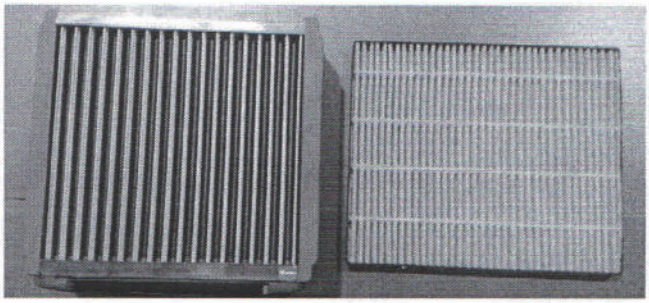
检　验　报　告

报告编号：2016A483　　

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

2015090235U (2015)沪质监认字071号

中国认可
国际互认
检测
TESTING
CNAS L0134

报告编号：
2016I20-35-889685

检 测 报 告

产品名称：蒸汽净化器

型号规格：X5

委托单位：[redacted]科技有限公司

检测类别：委托检测

上海市环境保护产品质量监督检验总站

Shanghai Municipal Bureau of Quality and Technical Supervision

Test Report

报告编号：2016I20-35-889685　　共 3 页　第 1 页

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	Formaldehype CADR, Formaldehype 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页。 （检测报告专用章） 签发日期：2016年11月23日				
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：　　审核：　　批准：

Shanghai Municipal Bureau of Quality and Technical Supervision

Test Report

报告编号：2016I20-35-889685

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。

Shanghai Municipal Bureau of Quality and Technical Supervision

Test Report

报告编号：2016I20-35-889685　　共 3 页　第 3 页

检 测 情 况 说 明	
样品状态和检测过程描述	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： 
实验室状态描述	实验室温度：（23～27）℃； 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 报 告
Test Report

报告编号：100002005
Report No.

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

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 Methords	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 Conclution	—				
备注 Note	—				

主检: Editor [signature]

审核: Inspector [signature]

批准: Approval [signature]

Suzhou Institute of Measurement and Testing

(检测专用章)

Stamp of Testing

签发日期: Signature date 2017-01-17

检测结果：

Time (h)	Test Bacteria	Test Number	Contrast Before V_0 (cfu/m³)	Contrast After V_t (cfu/m³)	Natural Decay Rate N_t (%)	Experiment Before V_1 (cfu/m³)	Experiment After V_2 (cfu/m³)	Rate of Bacteria Removal K_t (%)
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) 环境温湿温度：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 24 h 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 20 s～40 s，喷雾染菌完毕后，风扇继续搅拌 10 min，然后静置 15 min。
   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 1 h 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

自然消亡率 $N_t(\%)=\frac{V_0-V_t}{V_0}\times100$ (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 $K_t(\%)=\frac{V_1\times(1-N_t)-V_2}{V_1\times(1-N_t)}\times100$ (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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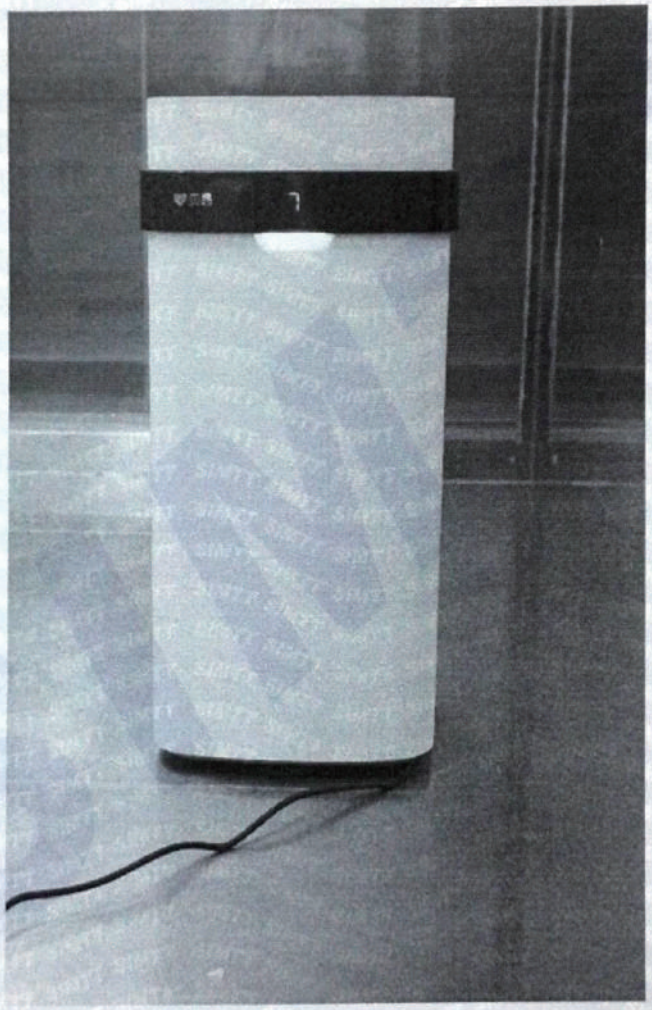
检测情况说明 Test specification	
检测样品照片	

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ISO9001

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

Beijing Head International Certification Co., Ltd. Certificates Appropriation

The effectiveness of the Certificate is subject to QR Code in the lower left corner. 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, Beiyuan East Road, Chaoyang District, Beijing, P. R. China (100012)

ISO14001

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

Beijing Head International Certification Co.,Ltd. Certificates Appropriation

The effectiveness of the Certificate is subject to QR Code in the lower left corner. 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. 10, Beiyuan East Road, Chaoyang District, Beijing, P. R. China

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

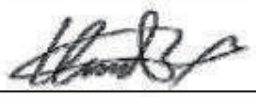
This is to certify that the following designated product

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



Vincent Lin / Director

DEKRA Testing and Certification Co., Ltd.
No. 5-22, Ruishukeng, Linkou Dist., New Taipei City 24451, Taiwan (R.O.C.)
TEL:+886-2-8601-3788 FAX:+886-2-8601-3789 Email: info.tw@dekra.com http://www.dekra.com.tw

AUTHORIZATION TO MARK

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.

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

intertek
Total Quality. Assured.

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)

Block E, No,7-2 Guang Dong Software Science Park, Caipin Road, Guangzhou Science City, GETDD Guangzhou, China

Telephone: +86 20 82139688
www.intertek.com

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)	03/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
The maximum Time-Weighted-Average: 0.028 ppmv			

Completed by:	Sunny Zhou	Reviewed by:	Jacob Langenbacher
Title:	Assistant Technical Manager	Title:	Lead Engineer
Signature:	Sunny Zhou	Signature	Jacob Langenbacher
Date	Jun. 1, 2018	Date:	Jun. 19, 2018

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.

Amita Tamhane Smith

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