POCE



TEST REPORT

Applicant : Huizhou jiadeyuan Electronic Technology Co., Ltd

Address : Qiuchangshunju Village Road Group, Huiyang District, Huizhou City

Report on the submitted sample said to be:

Sample name

: V19 volcano fumigant humidifier

POCE

Trade Name

: N/A

Model

V19, J-105, J-106, J-107, J-108, J-109, J-110, J-117, J-118, J-119, J-120,
 J-130, J-2102, J-123, J-125, J-126, J-127, J-102, J-125B, J-126B, J-128B,
 J-102, J-029, J-011, J-013, J-016, J-020, J-021, J-018, J-168, J-188, J-198,

V11, V12, V14, V15, V16, V17, V18

Manufacturer

: Huizhou jiadeyuan Electronic Technology Co., Ltd

Address

: Qiuchangshunju Village Road Group, Huiyang District, Huizhou City

Test conclusion

Based on the performed tests on submitted samples, the results of Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBBs). Polybrominated diphenyl ethers (PBDEs), Bis (2-ethylhexyl) phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl phthalate (DBP), Di

Iso Butyl Ortho Phthalate (DIBP) comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

Testing period

: Aug. 16, 2022 to Aug. 22, 2022

Date of report

: Aug. 22, 2022

Testing Requested:	70	Results
Selected test(s) as requested by client	-ACE	Pass

Prepared by:

Examine By:

Znudie

Calvin Chen

Trudie

Calvin Chen





Testing method:

- 1. With reference to IEC 62321-1:2013, review was performed for the samples disjointed from the submitted articles submitted by the Applicant
- 2. Tests were performed for the samples indicated by the photos in the report with test methods reference to IEC 62321-1:2013, Procedures for the determination of Levels of Six regulated Substances in Electrotechnical Products
 - (1) With reference to IEC 62321-3-1:2013, Screening by XRF spectrometry
 - (2) Wet Chemical Test Method
 - a. With reference to IEC 62321-5:2013, Determination of Lead &Cadmium by ICP-OES or AAS
 - b. With reference to IEC 62321-4:2013+A1:2017, Determination of Mercury by ICP-OES
 - c. With reference to IEC 62321-7-1:2015 and IEC 62321-7-2:2017, Determination of Hexavalent Chromium by Spot or Colorimetic Method
 - d. With reference to IEC 62321-6:2015, Determination of PBBs and PBDEs by GC-MS
 - e. With reference to IEC 62321-8:2017, Determination of DEHP, DIBP, DBP and BBP by GC-MS

Note:

The test results are related only to the tested items. The report shall note be reproduced except in full without the written approval of the testing laboratory.



		1				
Part No.	Part Description	Restricted	Results of	Result of wet	Conclusion	Sample submitted/
		Substance	EDXRF	Chemical Testing	on RoHS	Resubmitted
	-OCE		_0	(2mg/kg)	0	Date
1	РСВ	Pb	BL	-	Comply	Aug. 22, 2022
		Cd	BL	-	Comply	
E		Hg	BL	CE	Comply	CE
	000	Cr(VI)	BL	200	Comply	POO
		Br	IN	PBBs=ND	Comply	
				PBDEs=ND		
OCE		DEHP	IN	ND	Comply	CE
000	P	BBP	IN	ND	Comply	PO
		DBP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
2	Plastic shell	Pb	BL	- 20	Comply	Aug. 22, 2022
PO		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
	CE	Cr(VI)	BL	-	Comply	
1	POCE	Br 🥏	BL	- 1	Comply	
		DEHP	IN	ND	Comply	
		BBP	IN	ND	Comply	
	OCE	DBP	IN C	ND	Comply	
	PO	DIBP	IN	ND	Comply	
3	Plastic inner shell	Pb	BL	-	Comply	Aug. 22, 2022
	a E	Cd	BL	aE-	Comply	CE
	POCE	Hg	BL		Comply	000
		Cr(VI)	BL	-	Comply	
		Br	BL	-	Comply	
CE		DEHP	IN	ND	Comply	OCE
	60,	BBP	IN	ND	Comply	PU
		DBP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
4 (Power port	Pb	BL	20C	Comply	Aug. 22, 2022
PO		Cd	BL	70	Comply	Y
		Hg	BL	-	Comply	
	CE.	Cr(VI)	BL	-	Comply	
	OCE	Br	BL	- 00	Comply	D
		DEHP	IN	ND	Comply	*
		BBP	IN	ND	Comply	
	OCE	DBP	IN	ND	Comply	
	pO	DIBP	OIN	ND	Comply	



Part No.	Part Description	Restricted	Results of	Result of wet	Conclusion	Sample submitted/
		Substance	EDXRF	Chemical Testing	on RoHS	Resubmitted
				(2mg/kg)		Date
5	Button	Pb	BL	GE -	Comply	Aug. 22, 2022
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(VI)	BL	CE	Comply	CE
	200	Br	BL	000	Comply	boo.
		DEHP	IN	ND	Comply	*
		BBP	IN	ND	Comply	
CE		DBP	IN	ND	Comply	CE
000	P	DIBP	IN	ND	Comply	PU
6	screw	Pb	BL	-	Comply	Aug. 22, 2022
		Cd	BL	-	Comply	
		Hg	BL	- 20	Comply	00
PO		Cr(VI)	BL	-	Comply	
		Br	-	-	-	
		DEHP	CE	-	OCE	
		BBP	20-	- 1	500	
		DBP	-	-	-	
		DIBP	-	-	-	
7	Rubber pad	Pb	BL C	-	Comply	Aug. 22, 2022
		Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(VI)	BL	CE-	Comply	CE
		Br	BL		Comply	000
		DEHP	IN V	ND	Comply	
3-		BBP	IN	ND	Comply	
CE		DBP	IN	ND	Comply	OCE
	PO'	DIBP	IN	ND	Comply	PO
8	Fan blade	Pb	BL	-	Comply	Aug. 22, 2022
		Cd	BL	-	Comply	
-OC		Hg	BL	20C	Comply	200
PO		Cr(VI)	BL		Comply	
		Br	BL	-	Comply	
		DEHP	IN	ND	Comply	
		BBP	IN	ND O	Comply	D
		DBP	IN	ND	Comply	
		DIBP	IN	ND	Comply	



	-CE		CL			
Part No.	Part Description	Restricted	Results of	Result of wet	Conclusion	Sample submitted/
		Substance	EDXRF	Chemical Testing	on RoHS	Resubmitted
				(2mg/kg)		Date
9	electric machinery	Pb	BL	GF -	Comply	Aug. 22, 2022
	PO	Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(VI)	BL	CE	Comply	OCE
	000	Br	-	200	-	boo.
		DEHP	-	-	-	
		BBP	-	-	-	
CE		DBP	-	-OCE	-	OCE
900	P	DIBP	-	PU	-	PO
10	LED lamp beads	Pb	BL	-	Comply	Aug. 22, 2022
		Cd	BL	-	Comply	v
~nC		Hg	BL	- 20	Comply	00
PO		Cr(VI)	BL	- 70	Comply	
		Br	BL	-	Comply	
	CE	DEHP	IN	ND	Comply	
	000	BBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
11	White plastic thread	Pb	BL	-	Comply	Aug. 22, 2022
	cover	Cd	BL	-	Comply	
	-	Hg	BL	-	Comply	
		Cr(VI)	BL	aF-	Comply	CE
	POCE	Br	BL	000-	Comply	000
	PO	DEHP	IN	ND	Comply	
		BBP	IN	ND	Comply	
CE		DBP	IN	ND	Comply	OCE
	pO'	DIBP	IN	ND	Comply	POS
12 F	Red plastic thread cover	Pb	BL	-	Comply	Aug. 22, 2022
		Cd	BL	-	Comply	_4
OCE		Hg	BL	-0C	Comply	20C
PU		Cr(VI)	BL	90	Comply	PO
		Br	BL	-	Comply	
	-E	DEHP	IN	ND	Comply	
PO	CL	BBP	IN	ND O	Comply	0
		DBP	IN	ND	Comply	
		DIBP	IN	ND	Comply	



Part No.	Part Description	Restricted	Results of	Result of wet	Conclusion	Sample submitted/
		Substance	EDXRF	Chemical Testing	on RoHS	Resubmitted
				(2mg/kg)		Date
13	Black plastic thread	Pb	BL	CF -	Comply	Aug. 22, 2022
	cover	Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(VI)	BL	Œ	Comply	CE
	200	Br	BL	000	Comply	POCE
		DEHP	IN	ND	Comply	
		BBP	IN	ND	Comply	
CE		DBP	IN	ND	Comply	CE
000	P	DIBP	IN	ND	Comply	PU
14	Terminal block	Pb	BL	-	Comply	Aug. 22, 2022
		Cd	BL	-	Comply	
_0	CE	Hg	BL	- 20	Comply	00
PO		Cr(VI)	BL	- 7	Comply	Y
		Br	BL	-	Comply	
	CE	DEHP	IN	ND	Comply	
	0000	BBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
15	Copper core	Pb	BL C	-	Comply	Aug. 22, 2022
	PO	Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(VI)	BL	aE-	Comply	CE
	POCE	Br	- 0(50r	-	000
		DEHP	-	-	-	
		BBP	-	-	-	
CE		DBP	-	OCE	-	OCE
0	PO	DIBP	-	PO-	-	PU
16	Atomizer	Pb	BL	-	Comply	Aug. 22, 2022
		Cd	BL	-	Comply	
-AC		Hg	BL	30°C	Comply	20C
PO		Cr(VI)	BL	Y	Comply	Po
		Br	-	-	-	
	OF.	DEHP	·E-	-	CE	
	OCE	BBP	-	- 0(905	D
		DBP	-	_	-	
		DIBP	-	-	-	



Part No.	Part Description	Restricted	Results of	Result of wet	Conclusion	Sample submitted/
	•	Substance	EDXRF	Chemical Testing	on RoHS	Resubmitted
				(2mg/kg)		Date
17	Rubber ring	Pb	BL	GF -	Comply	Aug. 22, 2022
	PU	Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(VI)	BL	CE	Comply	CE
	200	Br	BL	000	Comply	POCE
		DEHP	IN	ND	Comply	
		BBP	IN	ND	Comply	
OCE		DBP	IN	ND	Comply	CE
O	P	DIBP	IN	ND	Comply	PO
18	chip resistor	Pb	BL	-	Comply	Aug. 22, 2022
		Cd	BL	-	Comply	
20	CE	Hg	BL	- 20	Comply	00
PO		Cr(VI)	BL	-	Comply	
		Br	BL	-	Comply	
	CE	DEHP	IN	ND	Comply	
	0000	BBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
19	Chip capacitor	Pb	BL C	-	Comply	Aug. 22, 2022
	PO	Cd	BL	-	Comply	
		Hg	BL	-	Comply	
	a E	Cr(VI)	BL	CE-	Comply	CE
	POCE	Br	BL		Comply	000
		DEHP	IN V	ND	Comply	
		BBP	IN	ND	Comply	
CE		DBP	IN	ND	Comply	OCE
	60,	DIBP	IN	ND	Comply	PO
20	triode	Pb	BL	-	Comply	Aug. 22, 2022
		Cd	BL	-	Comply	
-C		Hg	BL	20C	Comply	200
PU		Cr(VI)	BL		Comply	Y
		Br	BL	-	Comply	
	OCE	DEHP	IN	ND	Comply	
	000	BBP	IN	ND	Comply	P
		DBP	IN	ND	Comply	
		DIBP	IN	ND	Comply	



Part No.	Part Description	Restricted	Results of	Result of wet	Conclusion	Sample submitted/
		Substance	EDXRF	Chemical Testing	on RoHS	Resubmitted
				(2mg/kg)		Date
21	IC	Pb	BL	GE -	Comply	Aug. 22, 2022
	PO	Cd	BL	-	Comply	
		Hg	BL	-	Comply	
		Cr(VI)	BL	CE	Comply	CE
	000	Br	BL	000	Comply	POCE
		DEHP	IN	ND	Comply	
		BBP	IN	ND	Comply	
OCE		DBP	IN	ND	Comply	CE
000	P	DIBP	IN	ND	Comply	PO
22	Patch wound inductor	Pb	BL	-	Comply	Aug. 22, 2022
	-6	Cd	BL	-	Comply	
20	CE	Hg	BL	- 20	Comply	00
PO		Cr(VI)	BL	-	Comply	
		Br	BL	-	Comply	
	CE	DEHP	IN	ND	Comply	
,	000	BBP	IN	ND	Comply	
		DBP	IN	ND	Comply	
		DIBP	IN	ND	Comply	
23	SMD electrolytic	Pb	BL C	-	Comply	Aug. 22, 2022
	capacitor	Cd	BL	-	Comply	
		Hg	BL	-	Comply	
	a E	Cr(VI)	BL	CE-	Comply	CE
	POCE	Br	BL	00-	Comply	000
	P	DEHP	IN V	ND	Comply	
		BBP	IN	ND	Comply	
CE		DBP	IN	ND	Comply	OCE
0	pO'	DIBP	IN	ND	Comply	PO
24	diode	Pb	BL	-	Comply	Aug. 22, 2022
		Cd	BL	-	Comply	
-OC		Hg	BL	20C	Comply	200
PO		Cr(VI)	BL	7	Comply	
		Br	BL	-	Comply	
	OCE	DEHP	IN	ND	Comply	
	000	BBP	IN	ND O	Comply	D
		DBP	IN	ND	Comply	
		DIBP	IN	ND	Comply	

Shenzhen POCE Technology Co., Ltd. Report No.: POCE220817184TRR

Part Description	Restricted	Results of	Result of wet	Conclusion	Sample submitted/
	Substance	EDXRF	Chemical Testing	on RoHS	Resubmitted
			(2mg/kg)		Date
tin solder	Pb	BL	GE -	Comply	Aug. 22, 2022
PO	Cd	BL	-	Comply	
	Hg	BL	-	Comply	
	Cr(VI)	BL	CE	Comply	CE
200	Br	-	000	-	DO0.
	DEHP	-	_	-	
	BBP	-	-	-	
	DBP	-	OCE	-	OCE
P	DIBP	-	PO	-	PO
Resistor (RF1)	Pb	BL	-	Comply	Aug. 22, 2022
	Cd	BL	-	Comply	
SE	Hg	BL	- 20	Comply	00
	Cr(VI)	BL	-	Comply	
	Br	BL	-	Comply	
CE	DEHP	IN	ND	Comply	
000	BBP	IN	ND	Comply	1
	DBP	IN	ND	Comply	
	DIBP	IN	ND	Comply	
	tin solder	tin solder Pb Cd Hg Cr(VI) Br DEHP BBP DBP DIBP Resistor (RF1) Pb Cd Hg Cr(VI) Br DEHP BBP DBP DIBP	tin solder Pb BL Cd BL Hg BL Cr(VI) BL Br - DEHP - BBP - DIBP - DIBP - Resistor (RF1) Pb BL Cd BL Hg BL Cr(VI) BL BR - DIBP IN BBP IN BBP IN DBP IN	Substance	Substance



Re262mark:

- (1) (a) It is the result on total Br while test item on restricted is PBBs\PBDEs. It is the result on total Cr6+ while test item on restricted substances is Cr⁶⁺.
 - (b) Results are obtained by EDXRF for primary screening ,and further chemical testing by ICP(for Cd, Pb, Hg), UV-VIS(for Cr⁶⁺) and GC\MS (for PBBs, PBDEs) is recommended to be performed , if the concentration exceeds the below warning value according to IEC62321(unit: mg\kg)

Element	Polymer	Metal	Composite Materals
Cd	BL≤ (70-3 o) <x<(130+3)="" o="" td="" ≤ol<=""><td>BL≤ (70-3 σ) <x<(130+3)="" td="" σ="" ≤ol<=""><td>LOD<x<(150+3)="" td="" σ="" ≤ol<=""></x<(150+3></td></x<(130+3></td></x<(130+3>	BL≤ (70-3 σ) <x<(130+3)="" td="" σ="" ≤ol<=""><td>LOD<x<(150+3)="" td="" σ="" ≤ol<=""></x<(150+3></td></x<(130+3>	LOD <x<(150+3)="" td="" σ="" ≤ol<=""></x<(150+3>
Pb	BL≤ (700-3 σ) <x<(1300+3)="" td="" σ="" ≤ol<=""><td>BL≤ (700-3 σ) <x<(1300+3)="" td="" σ="" ≤<=""><td>BL≤ (500-3 o) <x<(1500+3< td=""></x<(1500+3<></td></x<(1300+3></td></x<(1300+3>	BL≤ (700-3 σ) <x<(1300+3)="" td="" σ="" ≤<=""><td>BL≤ (500-3 o) <x<(1500+3< td=""></x<(1500+3<></td></x<(1300+3>	BL≤ (500-3 o) <x<(1500+3< td=""></x<(1500+3<>
-UCL	2000	OL	σ) <ol< b=""></ol<>
Hg	BL \leqslant (700-3 σ) <x<(1300+3 <math="">\sigma) \leqslantOL</x<(1300+3>	BL≤ (700-3 σ) <x<(1300+3)="" td="" σ="" ≤<=""><td>BL≤ (500-3 o) <x<(1500+3< td=""></x<(1500+3<></td></x<(1300+3>	BL≤ (500-3 o) <x<(1500+3< td=""></x<(1500+3<>
		OL	σ) ≤OL
Br	BL≤ (300-3 o) <x< td=""><td>- CE</td><td>BL≤ (250-3 o) <x< td=""></x<></td></x<>	- CE	BL≤ (250-3 o) <x< td=""></x<>
Cr	BL≤ (700-3 o) <x< td=""><td>BL≤ (700-3 σ) <x< td=""><td>BL≤ (500-3 σ) <x< td=""></x<></td></x<></td></x<>	BL≤ (700-3 σ) <x< td=""><td>BL≤ (500-3 σ) <x< td=""></x<></td></x<>	BL≤ (500-3 σ) <x< td=""></x<>

(c)BL=Below Limit, OL=Over Limit, IN=Inconclusive, LOD=Limit of Detection, -=Not Regulated,

Negative = A negative test result indicated above positive observation was not found at the time of testing. When the spot-test showed a negative result, the boiling-water-extraction procedure shall be used to verify the result.

- (#1) = As claimed by the declaration submitted by the client, the Lead content of the components is coming from the constituent of ceramic part of the electronic component only. According to EU RoHS Directive, Lead in electronic ceramic parts of this component can be exempted.
- (d)The XRF screening test for RoHS elements-The reading may be different to the actual content in the sample be of non-uniformity composition,
- (2) (a) mg\kg=ppm=0.0001%, ND=Not Detected(<MDL)),
 - (b)Unit and Method Detection Limit(MDL)in wet chemical test

Test Items	Units	MDL	EU RoHS Limit
Pb	mg/kg	2	1000
Cd	mg/kg	2	100
Hg	mg/kg	2	1000
Cr(VI)	malka	0.02 mg/50 cm ² (Metal)	1000
CI(VI)	mg/kg	2	1000
PBBs	mg/kg	5	1000
PBDEs	mg/kg	5	1000
DEHP	mg/kg	5	1000
BBP	mg/kg	5	1000
DBP	mg/kg	5	1000
DIBP	mg/kg	5	1000

- (c) According to IEC 62321, result on Cr for metal sample is shown as Positive\Negative, Negative=Absence of Cr6+ costing, Positive=Prosence of Cr 6+ coating.
- (d) ▲As declared by the client the materials fall into exemption items according to RoHS Directive 2011\65\EU recasting 2002\95\EC



Photograph of sample

POCE authenticate the photo on original report only



Photo 1



Photo 2





Photo 3



Photo 4





Photo 5



Photo 6



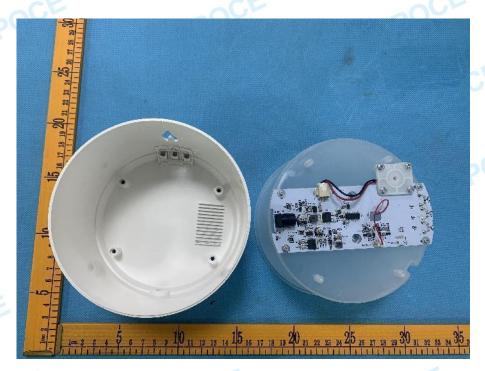


Photo 7

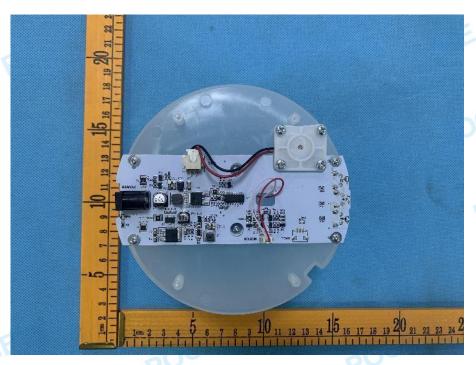


Photo 8



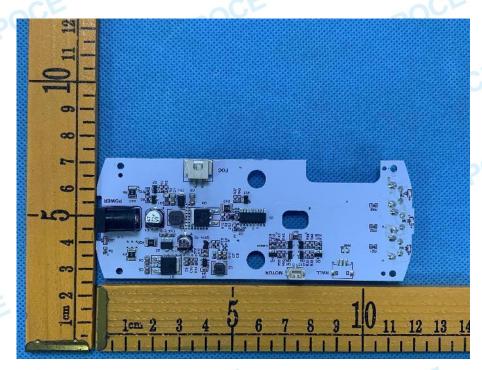


Photo 9

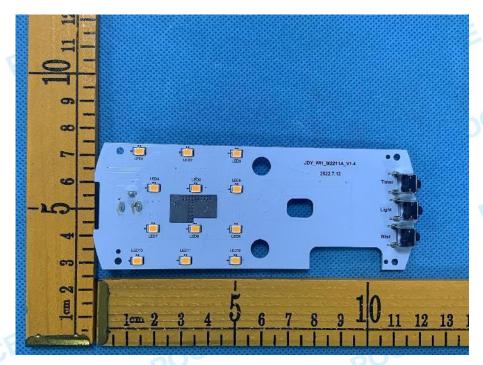


Photo 10



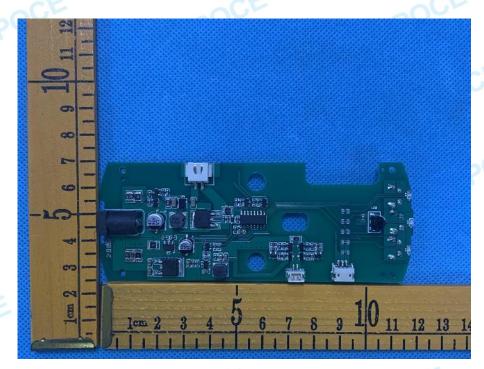


Photo 11

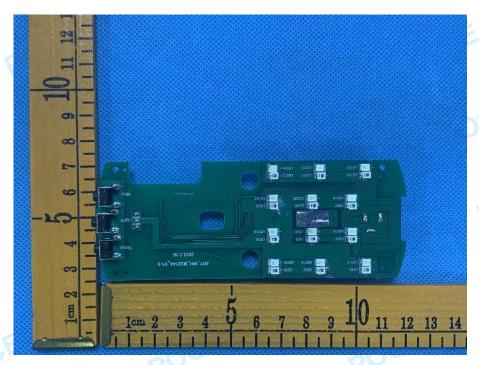


Photo 12

****END OF REPORT**