







Report No.: JC-RCPC250746

For RoHS *Directive 2011/65/EU Annex [[&(EU) 2015/863*]

Applicant:	BENGU RODEO MESTAN   VAPETISM			
Manufacturer:	Dongguan AirV Technology Co. Ltd			
Name of Sample:	Humo Azul Vape			
Brand:				
Model:	Humo Azul 20ml			
Date of Issuance:	Sept. 26, 2025			

Skyte Testing Services Guangdong Co., Ltd.







Report No.: JC-RCPC250746

Report Date: Sept. 26, 2025

Applicant Name: BENGU RODEO MESTAN | VAPETISM

Applicant Add.: Varonou Hirs 38, 54642, Thessaloniki, Greece

Manufacturer: Dongguan AirV Technology Co. Ltd

Manufacturer Add.: Building 11, No. 58, Lane 1, Nansi Street, Qiaodong Road, Qiaotou Town, Dongguan

City, Guangdong Province, China.

Test samples were submitted by the applicant, report on the submitted samples said to be:

Sample Name: Humo Azul Vape Model: Humo Azul 20ml

Input Voltage: 5 V

Sample Received Date: Sept. 19, 2025

Testing Period: Sept. 19, 2025 to Sept. 26, 2025

Tests Conducted: As requested by the applicant. See the following pages for details.

Signed for and on petral of Skyte Testing Services Suring for g Eo., Ltd.

Testing Services

21/35

Vanessa Huang / Technical Director

/ Janes callus

Approved Signatory

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\*

#### **Test Requirement and Conclusion:**

Test Items	Standard	Conclusion
Pb, Cd, Hg, Cr <sup>6+</sup> , DBP, BBP, DEHP, DIBP,	EU RoHS Directive 2011/65/EU Annex II &	See test results
PBBs, PBDEs	(EU) 2015/863	SEALE SEALE SE







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#### **Test Results**

	Test Component No. & Test Results (mg/kg)				MDL	Limits#1
Test Items	(1~8)*	(9 ~ 12)*	(13 ~16)*	(17 ~19)*	(mg/kg)	(mg/kg)
Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	2	100
Lead (Pb)	N.D.	N.D.	N.D.	N.D.	2	1000
Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	2	1000
Chromium (VI) (Cr <sup>6+</sup> )	N.D.	N.D.	N.D.	N.D.	1 9	1000
Dibutyl phthalate (DBP)	N.D.	N.D.	N.D.	N.D.	50	1000
Benzyl butyl phthalate (BBP)	N.D.	N.D.	N.D.	N.D.	50 5	1000
Diethyl hexyl phthalate (DEHP)	N.D.	N.D.	N.D.	N.D.	50	1000
Di-iso-butyl ortho-phthalate (DIBP)	N.D.	N.D.	N.D.	N.D. 5	50 5	1000
Sum of Polybrominated Biphenyls (PBBs)	N.D.	N.D.	N.D.	N.D.	K-	1000
Monobromobiphenyl (MonoBB)	N.D.	N.D.	N.D.	N.D. 5	5 5	_ <u>S</u> ;,,
Dibromobiphenyl (DiBB)	N.D.	N.D.	N.D.	N.D.	5 .1	(F
Tribromobiphenyl (TriBB)	N.D.	N.D.	SN.D.	N.D.	5	-5
Tetrabromobiphenyl (TetraBB)	N.D.	N.D.	N.D.	N.D.	5	×
Pentabromobiphenyl (PentaBB)	N.D.	N.D.	S N.D.	N.D.	5	, —
Hexabromobiphenyl (HexaBB)	N.D.	N.D.	N.D.	N.D.	5	
Heptabromobiphenyl (HeptaBB)	N.D.	N.D.	N.D.	N.D.	5	
Octabromobiphenyl (OctaBB)	N.D.	N.D.	N.D.	N.D.	5	= 1
Nonabromobiphenyl (NonaBB)	N.D.	N.D.	N.D.	N.D.	. 5	
Decabromobiphenyl (DecaBB)	N.D.	N.D.	N.D.	N.D.	5	311
Sum of Polybrominated Diphenyl Ethers (PBDEs)	N.D.	N.D.	N.D.	N.D.	. — .<	1000
Monobromodiphenyl Ether (MonoBDE)	N.D.	N.D.	N.D.	N.D.	-5	3.7
Dibromodiphenyl Ether (DiBDE)	N.D.	N.D.	N.D.	N.D.	. 5	<del></del> \
Tribromodiphenyl Ether (TriBDE)	N.D.	N.D.	N.D.	N.D.	55	3
Tetrabromodiphenyl Ether (TetraBDE)	N.D.	N.D.	N.D.	N.D.	5	4
Pentabromodiphenyl Ether (PentaBDE)	N.D.	N.D.	N.D.	N.D.	95	Si
Hexabromodiphenyl Ether (HexaBDE)	N.D.	N.D.	N.D.	N.D.	5	-K
Heptabromodiphenyl Ether (HeptaBDE)	N.D.	N.D. 5	N.D.	N.D.	5 5	S
Octabromodiphenyl Ether (OctaBDE)	N.D.	N.D.	N.D.	N.D.	5	
Nonabromodiphenyl Ether (NonaBDE)	N.D.	N.D.	N.D.	N.D.	5 5	2
Decabromodiphenyl Ether (DecaBDE)	N.D.	Ń.D.	N.D.	N.D.	. 5	

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	<b>Test Component</b>	MDL	Limits#1			
Test Items	(20 ~ 23)*	24	25	(mg/kg)	(mg/kg)	
Cadmium (Cd)	N.D.	N.D.	N.D.	2	100	
Lead (Pb)	N.D.	8	21	2	1000	
Mercury (Hg)	N.D.	N.D.	N.D.	2 -	1000	
Chromium (VI) (Cr <sup>6+</sup> )	N.D.	N.D.	N.D.	1	1000	
Dibutyl phthalate (DBP)	N.D.	N.D.	N.D.	50 9	1000	
Benzyl butyl phthalate (BBP)	N.D.	N.D.	N.D.	50	1000	
Diethyl hexyl phthalate (DEHP)	N.D.	N.D.	SN.D.	50 5	1000	
Di-iso-butyl ortho-phthalate (DIBP)	N.D.	N.D.	N.D.	50	1000	
Sum of Polybrominated Biphenyls (PBBs)	N.D.	N.D.	SN.D.		1000	
Monobromobiphenyl (MonoBB)	N.D.	N.D.	N.D.	5	<u> </u>	
Dibromobiphenyl (DiBB)	N.D.	N.D.	N.D.	5	5"	
Tribromobiphenyl (TriBB)	N.D.	N.D.	N.D.	5		
Tetrabromobiphenyl (TetraBB)	N.D.	N.D.	N.D.	5		
Pentabromobiphenyl (PentaBB)	N.D.	N.D.	N.D.	5	- H.	
Hexabromobiphenyl (HexaBB)	N.D.	N.D.	N.D.	5		
Heptabromobiphenyl (HeptaBB)	N.D.	N.D.	N.D.	5	4	
Octabromobiphenyl (OctaBB)	N.D.	N.D.	N.D.	5		
Nonabromobiphenyl (NonaBB)	N.D.	N.D.	N.D.	5	-Si-1	
Decabromobiphenyl (DecaBB)	N.D.	N.D.	N.D.	5		
Sum of Polybrominated Diphenyl Ethers (PBDEs)	N.D.	N.D.	N.D.	<u> </u>	1000	
Monobromodiphenyl Ether (MonoBDE)	N.D.	N.D.	N.D.	5 💉	<	
Dibromodiphenyl Ether (DiBDE)	N.D.	N.D.	N.D.	5	<u> </u>	
Tribromodiphenyl Ether (TriBDE)	N.D.	N.D.	N.D.	5 (	4	
Tetrabromodiphenyl Ether (TetraBDE)	N.D.	N.D.	N.D.	5	3	
Pentabromodiphenyl Ether (PentaBDE)	N.D.	N.D.	N.D.	5	-4°	
Hexabromodiphenyl Ether (HexaBDE)	N.D.	N.D.	N.D.	55	5	
Heptabromodiphenyl Ether (HeptaBDE)	N.D.	N.D.	N.D.	5		
Octabromodiphenyl Ether (OctaBDE)	N.D.S	SN.D.	N.D.	5	5"	
Nonabromodiphenyl Ether (NonaBDE)	N.D.	N.D.	N.D.	-5	1.2	
Decabromodiphenyl Ether (DecaBDE)	S N.D.S	S N.D.	N.D.	5	-	

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Test Items	Test Cor	Test Component No. & Test Results				Sin c
	26	27	28	MDL	Limits	Unit
Cadmium (Cd)	N.D.	5 6 5	N.D.	2	100	mg/kg
Lead (Pb)	N.D.	69	121	2	1000	mg/kg
Mercury (Hg)	N.D.	N.D.	N.D.	2	1000	mg/kg
Chromium (VI) (Cr <sup>6+</sup> )	Negative <sup>#2</sup>	Negative <sup>#2</sup>	Negative <sup>#2</sup>	0.10	1000	μg/cm <sup>2</sup>

The state of	Test Con	Mbr	Si. C	Unit		
Test Items	29	30	31	MDL	Limits	Unit
Cadmium (Cd)	N.D.	N.D.	22 5	92	100	mg/kg
Lead (Pb)	N.D.	N.D.	36	2	1000	mg/kg
Mercury (Hg)	N.D.	N.D.	N.D.	2	1000	mg/kg
Chromium (VI) (Cr <sup>6+</sup> )	Negative <sup>#2</sup>	Negative <sup>#2</sup>	Negative <sup>#2</sup>	0.10	1000	μg/cm <sup>2</sup>

Tested by: Chen Junlong, Cai Yuqing

Checked by: Huang Xiangwei, Zheng Caiju

#### Remarks:

(1) mg/kg = milligram per kilogram

(2)  $\mu g/cm^2$  = micrograms per square centimeter

(3) MDL = method detection limit

(4) N.D. = not detected, less than MDL

(5) \* = As per the applicant's request, the mixed test was conducted.

(6) #1 = The limit for the test result is 1/n of the value in column (where "n" is the number of mixed samples).

(7) #2 = A Negative result indicates no Cr<sup>6+</sup> detected, a Positive result indicates the presence of Cr<sup>6+</sup>.

#### **Test Component Descriptions:**

- 1. White plastic with blue coating (shell)
- 2. White plastic with blue font (base)
- 3. Transparent plastic
- 4. White plastic (top)
- 5. White plastic
- 6. Plastic with silvery coating (top)
- 7. Yellow plastic
- 8. Plastic with silvery coating
- 9. Blue silicone
- 10. Orange silicone
- 11. White silicone

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- 12. White silicone (e-cigarette controller silicone)
- 13. White cotton (e-liquid storage cotton)
- 14. White cotton (e-liquid guide cotton)
- 15. White cotton
- 16. White plastic (fiberglass tube)
- 17. Green gasket with viscose (battery site)
- 18. Transparent plastic with viscose
- 19. Yellow plastic with viscose (battery tape)
- 20. Blue plastic (wire sheath)
- 21. Black plastic (wire sheath)
- 22. White plastic (wire sheath)
- 23. Red plastic (wire sheath)
- 24. Circuit board with various components (PCB)
- 25. Grey plastic with silvery metal (USB)
- 26. Silvery metal (USB)
- 27. Silvery metal (heating coil bracket)
- 28. Silvery metal (heating coil)
- 29. Silvery metal (electric wire)
- 30. Silvery metal (e-cigarette controller)
- 31. Metal with black coating (screw)

#### **Test Methods**

	Test Items	Test Methods	Test Instruments
TE	Cd, Pb	IEC 62321-5:2013	ICP-OES
	Hg	IEC 62321-4:2013+AMD 1:2017 CSV	ICP-OES
The same	Cr <sup>6+</sup>	IEC 62321-7-1:2015 / IEC 62321-7-2:2017	UV-Vis
<e< td=""><td>PBBs, PBDEs</td><td>IEC 62321-6:2015</td><td>GC-MS</td></e<>	PBBs, PBDEs	IEC 62321-6:2015	GC-MS
DI	BP, BBP, DEHP, DIBP	IEC 62321-8:2017	GC-MS







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Test Flowchart		The All All		TE ATE WIFE
1. Test for Cd / Pb / Hg contents				the state of the
Weighted sample and put into a		Add digestion reagent	Sint	Digest the sample completely in
microwave digestion tube /beaker				microwave digestion oven /electric hot
	E		Ci.A	plate
Sin Sin Sin Sin	ر.	de de de	. , 	
Determined by Inductively Coupled	V (	Made up to constant volume with	Sint	The digested solution was transferred
Plasma Optical Emission Spectrometer	$\Box$	deionized water		into a volumetric flask
(ICP-OES)			Stint	
<ul> <li>2. Test for Cr<sup>6+</sup> content</li> <li>2.1 Determination of Cr<sup>6+</sup> in polyme</li> </ul>	ers and	electronics by the colorimetric meth	nod	SEATE SEATE SEATE SEA
Weighted the sample and put into a	51	Add digestion solution and heat in	7	Adjust the pH of extracted solution to
conical flask		themostatic shaking water baths		$7.5 \pm 0.5$ and transfer into a colorimetric
	3	•		tube, made up to constant volume with
	ے ا		TE	deionized water
and such such such		5, 5, 5, 5		
Determined by UV-Vis		Adjust the pH to $2.0 \pm 0.5$ and make		Add diphenylcarbazide solution
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	up with deionized water		
2.2 Determination of Cr <sup>6+</sup> in colourle	ess and	d coloured corrosion-protected coating	ngs on	metals by the colorimetric method
Weigh testing sample of surface area	.47	Add 50 mL deionized water and		
(50±5) cm <sup>2</sup> , put into beaker		boiling for 10 minutes		Filtrated, then add 1 mL
X			J. Y	analytical pure orthophosphorus
Determined by UV-Vis		Add 1,5-diphenylcarbazide solution		acid solution into the filtrate
	7.7	Si., Si., 2), 2,		
3. Test for PBBs / PBDEs, DBP, B	BBP, I	DEHP, DIBP contents	KE S	WIE SEATE SEATE SEATE
Weighted sample was put into		Extracted by solvent in Soxhlet	]\	
a thimble	$\left  \begin{array}{c} \\ \\ \end{array} \right\rangle$	extractor		Concentrate the extract
Str., Str., Str., 24		the the the	- , 	
Determined by Gas Chromatographic-	/	Made up with organic solvent	تعر	Transfer the extract into a volumetric
Mass Spectrometer	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		]	flask
	1	V V V V	_	V

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#### **Sample Photos**



Test Component No.1: White plastic with blue coating (shell)

Test Component No.2: White plastic with blue font (base)

Test Component No.3: Transparent plastic

Test Component No.4: White plastic (top)

Test Component No.5: White plastic

Test Component No.6: Plastic with silvery coating (top)

Test Component No.8: Plastic with silvery coating

Test Component No.9: Blue silicone

Test Component No.10: Orange silicone

Test Component No.11: White silicone

Test Component No.13: White cotton (e-liquid storage cotton)

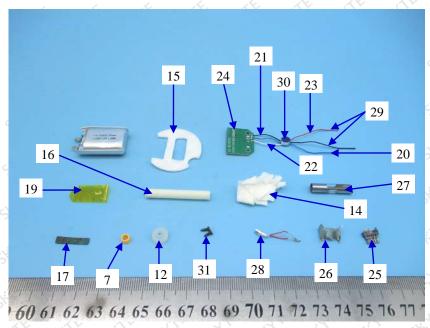
Test Component No.18: Transparent plastic with viscose







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Test Component No.7: Yellow plastic

Test Component No.12: White silicone (e-cigarette controller silicone)

Test Component No.14: White cotton (e-liquid guide cotton)

Test Component No.15: White cotton

Test Component No.16: White plastic (fiberglass tube)

Test Component No.17: Green gasket with viscose (battery site)

Test Component No.19: Yellow plastic with viscose (battery tape)

Test Component No.20: Blue plastic (wire sheath)

Test Component No.21: Black plastic (wire sheath)

Test Component No.22: White plastic (wire sheath)

Test Component No.23: Red plastic (wire sheath)

Test Component No.24: Circuit board with various components (PCB)

Test Component No.25: Grey plastic with silvery metal (USB)

Test Component No.26: Silvery metal (USB)

Test Component No.27: Silvery metal (heating coil bracket)

Test Component No.28: Silvery metal (heating coil)

Test Component No.29: Silvery metal (electric wire)

Test Component No.30: Silvery metal (e-cigarette controller)

Test Component No.31: Metal with black coating (screw)







Report No.: JC-RCPC250746



**Finished Product** 

(End of report)