Test Report

Report No.: JC-CPC210265-2S1

Report Date: Jan.08, 2021

Applicant Name: Shenzhen Lost Vape Technology Ltd

Applicant Add.: A3101, 301, 401, Building 15th, Junfeng Industrial Area, Chongqing Road, Fuhai Street, Baoan District, Shenzhen, China.

This report is to supersede the report with No. JC-CPC210265-2 issued on Jan.06, 2021 which will be void.

Test sample was submitted by the applicant, report on the submitted sample said to be:

Sample Name: Smoking set

Brand: Lost Vape

Type: Ursa Mini Pod Kit

Resistance: UB Lite L1 Coil 0.4 ohm & UB Lite L6 Coil 1.0 ohm

Sample Receiving Date: Dec.28, 2020

Testing Period: Dec.28, 2020 to Jan.06, 2021

Tests conducted: As requested by the applicant, for details refer to attached pages.

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Test Request:

Test Items	Test Request
Nicotine Consistence, Nicotine, Formaldehyde and other Aldehydes, Heavy Metal Elements	Tobacco Product Directive (2014/40/EU) Article 20

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Signed for and on behalf of
Skyte Testing Services Guangdong Co., Ltd.

Vanessa Huang/Technical Director
CNAS Approved Signatory

Remark: Please note that every statement made in this report is only valid for the samples tested and reported herein. This report shall not be reproduced except in full, without the written approval of SKYTE. The sample's information was provided by the applicant, SKYTE has no responsibility for the truth of such information.

Skyte Testing Services Guangdong Co., Ltd
Add:7/F, Bldg 1, Jia'an Hi-Tech Industrial Park,
1st LiuxianRoad,Block 67, Bao'an District, Shenzhen, P.R.C
Website:www.skyte.com.cn
Email:service@skyte.com.cn
Postcode: 518101
Tel: (86-0755) 3323 9933
Fax: (86-0755) 2672 7113
Hot Line: 400-6898-200

Test Results

Smoking machine condition: Number of series: 5
Number of puffs per series: 20
Total number of puffs:100
Puffing duration: 3 s
Total vaporization duration:300 s
Time between 2 puffs: 30 s
Time between 2 series: 300 s
Puff volume: 55mL
Inhalation flow rate : 18.3 mL/s
Inhalation profile : Square wave
Device power setting: Fixed

1. Nicotine Consistence

Test Item	CAS No.	Test Results (mg/100 puffs)			AVG (mg/100 puffs)	Target values*
		Serie1 (1~20 puffs)	Serie3 (41~60 puffs)	Serie5 (81~100 puffs)		
Nicotine Consistence	54-11-5	14.94	14.10	13.33	14.12	——
Deviation	——	5.81%	-0.14%	-5.59%	——	25%

2. Nicotine

Test Item	CAS No.	Test Result (mg/100 puffs)	MDL (mg/100 puffs)
Nicotine	54-11-5	14.12	0.05

3. Formaldehyde and other Aldehydes

Test Items	CAS No.	Test Results (μg/200 puffs)	MDL (μg/200 puffs)	Target values* (μg/200 puffs)
Formaldehyde	50-00-0	46.0	0.4	200
Acetaldehyde	75-07-0	13.8	0.8	3200
Acrolein	107-02-8	N.D.	0.6	16
Crotonaldehyde	123-73-9	N.D.	4.0	——

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4. Heavy Metal Elements

Test Items	CAS No.	Test Results (ng/200 puffs)	MDL (ng/200 puffs)	Target values* (ng/200 puffs)
Chromium (Cr)	7440-47-3	N.D.	2.12	3000
Cadmium (Cd)	7440-43-9	N.D.	1.52	2000
Lead (Pb)	7439-92-1	N.D.	1.48	5000
Antimony (Sb)	7440-36-0	N.D.	1.48	20000
Nickel (Ni)	7440-02-0	94.8	1.50	5000
Arsenic (As)	7440-38-2	N.D.	1.38	2000

Tested by: Wubiao, Suweili, Xuguichun Checked by: Huangxiangwei, Wuyingjun

Remarks:

(1) MDL = method detection limit
(2) N.D. = not detected, less than MDL
(3) mg/100 puffs = milligram per one hundred puffs
(4) ng/200 puffs = nanogram per two hundred puffs
(5) μg/200 puffs = microgram per two hundred puffs
(6) * = The target value is quoted from AFNOR XP D90-300-3:2016 Annex B.
(7) E-liquids were prepared by internal lab according to AFNOR XP D90-300-3:2016 clause 5.2.
(8) The test item of Nicotine Consistence was not accredited by CNAS.

Test Methods

Test Items	Test Methods	Test Instruments
Nicotine Consistence	AFNOR XP D90-300-3:2016 Annex A.3	GC-FID
Nicotine		
Formaldehyde	AFNOR XP D90-300-3:2016 Annex A.5	UPLC-PDA
Acetaldehyde		
Acrolein		
Crotonaldehyde		

Test Items	Test Methods	Test Instruments
Chromium (Cr)	AFNOR XP D90-300-3:2016 Annex A.6	ICP-MS
Cadmium (Cd)		
Lead (Pb)		
Antimony (Sb)		
Nickel (Ni)		
Arsenic (As)		

Sample Photo



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(End of report)

Attention is drawn to the terms and conditions printed overleaf

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