



Smithers AMS LLC
790 Main St
Wareham, MA 02571
License #: IL281355
Phone: 508-295-2550



Customer: Freshly Baked
Address:
144 W. Britannia St
Taunton MA 02780
Phone: 508-544-0140
License #: MB281402



Sample ID: 8994
Sample Name: Eureka - 1g Mango Haze Vape Cart
Sample Type: Vape
Received Date: 11/27/2023
Report Date: 11/30/2023
METRC ID: 1A40A0300003841000014621
METRC Source ID:
1A40A0300003841000014613
Client Batch ID: EAVP-MH1g-231121
Client Sample Size: 5 each
Unit Weight (g): 1

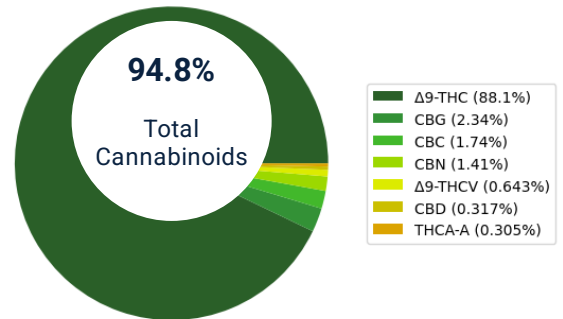
Results Summary

Cannabinoids 11/29/2023	TESTED
Vitamin E Acetate 11/28/2023	✓ PASS
Terpenes 11/30/2023	TESTED
Heavy Metals 11/30/2023	✓ PASS
Microbial Impurities 11/30/2023	✓ PASS
Residual Solvents 11/30/2023	✓ PASS
Mycotoxins 11/30/2023	✓ PASS

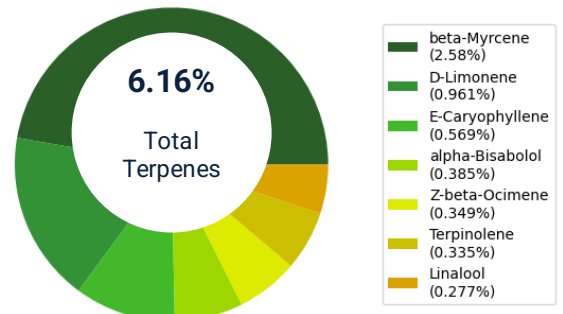
Certificate of Analysis



Cannabinoid Distribution (%)



Terpene Distribution (%)



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Certificate of Analysis

Cannabinoids

Date Started: 11/28/2023
Instrument: UPLC-PDA

Date Completed: 11/29/2023
Method: TP-09.001.05 & TP-09.012.05

Analyst: Yuemin Wang Kovaleff
Deviation: N/A

Cannabinoid	Result (%)	Result (mg/g)	LOD (%)	LOQ (%)
Δ9-THC	88.1	881	0.441	2.39
CBG	2.34	23.4	0.00518	0.0597
CBC	1.74	17.4	0.00565	0.0477
CBN	1.41	14.1	0.00817	0.0597
Δ9-THCV	0.643	6.43	0.00643	0.0477
CBD	0.317	3.17	0.00924	0.119
THCA-A	0.305	3.05	0.0191	0.119
CBDVA	ND	ND	0.00803	0.0477
CBDV	ND	ND	0.0228	0.0477
CBDA	ND	ND	0.00752	0.119
CBGA	ND	ND	0.00468	0.0597
Δ8-THCV	ND	ND	0.0116	0.0477
THCVA	ND	ND	0.00507	0.0477
CBNA	ND	ND	0.00630	0.0477
Exo-THC	ND	ND	0.00955	0.0477
Δ8-THC	ND	ND	0.0209	0.0597
CBL	ND	ND	0.0141	0.0477
CBCA	ND	ND	0.0154	0.0477
Total THC	88.3	883		
Total CBD	0.317	3.17		
Total Cannabinoids	94.8	948		

Total THC = Δ9-THC + Δ8-THC + (THCA-A x 0.877)

Total CBD = CBD + (CBDA x 0.877)

Total Cannabinoids = Sum of all cannabinoids without THC/CBD corrections.

LOD = Limit of Detection; **LOQ** = Limit of Quantitation; **ND** = Not Detected.

Vitamin E Acetate

✓ **PASS**

Date Started: 11/28/2023
Instrument: HPLC-UV

Date Completed: 11/28/2023
Method: TP-09.006.01

Analyst: Yuemin Wang Kovaleff
Deviation: N/A

Analyte	Result (ppm)	LOD (ppm)	LOQ (ppm)	Status
Tocopheryl Acetate	ND	53.6	123	Pass

Certificate of Analysis

Terpenes

Date Started: 11/29/2023
Instrument: GC-MS

Date Completed: 11/30/2023
Method: TP-09.004.03

Analyst: Yueming Wang Kovaleff
Deviation: N/A

Terpene	Result (ppm)	Result (mg/g)	Result (%)	LOD (ppm)	LOQ (ppm)
beta-Myrcene	278	25.8	2.58	0.00195	0.0116
D-Limonene	104	9.61	0.961	0.00245	0.0116
E-Caryophyllene	61.4	5.69	0.569	0.00509	0.0116
alpha-Bisabolol	41.6	3.85	0.385	0.00429	0.0116
Z-beta-Ocimene	37.6	3.49	0.349	0.00469	0.0116
Terpinolene	36.1	3.35	0.335	0.00145	0.0116
Linalool	29.8	2.77	0.277	0.00353	0.0116
beta-Pinene	22.6	2.09	0.209	0.00240	0.0116
alpha-Humulene	17.1	1.59	0.159	0.00250	0.0116
alpha-Pinene	16.7	1.55	0.155	0.000973	0.0116
Carophyllene Oxide	6.94	0.643	0.0643	0.00262	0.0116
E-beta-Ocimene	4.36	0.404	0.0404	0.00479	0.0116
Camphene	2.23	0.206	0.0206	0.00128	0.0116
delta-3-Carene	1.49	0.138	0.0138	0.00378	0.0116
Guaiol	1.49	0.138	0.0138	0.00252	0.0116
alpha-Terpinene	1.41	0.131	0.0131	0.00355	0.0116
Eucalyptol	0.554	0.0513	0.00513	0.00351	0.0116
gamma-Terpinene	0.548	0.0508	0.00508	0.00262	0.0116
Z-Nerolidol	0.0904	0.00838	0.000838	0.00314	0.0116
Isopulegol	ND	ND	ND	0.00562	0.0116
Geraniol	ND	ND	ND	0.00361	0.0116
E-Nerolidol	ND	ND	ND	0.00264	0.0116
Total Terpenes	664	61.6	6.16		

Heavy Metals

✓ **PASS**

Date Started: 11/29/2023
Instrument: ICP-MS

Date Completed: 11/30/2023
Method: TP-09.007.01

Analyst: Meagan Mattos
Deviation: N/A

Heavy Metals	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Status
Arsenic	ND	7.11	48.1	200	Pass
Cadmium	ND	4.27	48.1	200	Pass
Lead	ND	3.92	48.1	500	Pass
Mercury	ND	3.42	24.0	100	Pass

Microbial Impurities

✓ **PASS**

Date Started: 11/27/2023
Instrument: TEMPO & Gene-Up

Date Completed: 11/30/2023
Method: TP-09.010.01 & TP-09.011.01

Analyst: Meagan Mattos
Deviation: N/A

Microbials	Result (CFU/g)	Limit (CFU/g)	Status
Coliforms	ND	1000	Pass
Bile-Tolerant Gram-Negative Bacteria	ND	1000	Pass
Yeast & Mold	ND	10000	Pass
Aerobic Bacteria	ND	100000	Pass
E.coli	ND		Pass
Salmonella	ND		Pass

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Certificate of Analysis

Residual Solvents

✓ **PASS**

Date Started: 11/29/2023
Instrument: HS-GC-MS

Date Completed: 11/30/2023
Method: TP-09.005.03

Analyst: Yuemin Wang Kovaleff
Deviation: N/A

Residual Solvent	Result (ppm)	LOD (ppm)	LOQ (ppm)	Limit (ppm)	Status
n-Propane	ND	0.401	1.58	12.0	Pass
Iso-butane	ND	0.264	1.58	12.0	Pass
n-Butane	ND	0.173	1.58	12.0	Pass
Methanol	ND	37.5	94.8	3000	Pass
Ethylene Oxide	ND	0.158	0.632		Pass
n-Pentane	ND	25.5	94.8	5000	Pass
Ethanol	ND	17.6	94.8	5000	Pass
Ethyl Ether	ND	24.0	94.8	5000	Pass
Acetone	ND	17.2	94.8	5000	Pass
Isopropyl Alcohol	<LOQ	21.4	94.8	5000	Pass
Acetonitrile	ND	13.3	94.8	410	Pass
Methylene Chloride	ND	0.164	0.632	600	Pass
n-Hexane	ND	25.8	94.8	290	Pass
Ethyl Acetate	ND	14.9	94.8	5000	Pass
Chloroform	ND	0.0543	0.632	60.0	Pass
1,2-Dichloroethane	ND	0.147	0.632	1870	Pass
Benzene	ND	0.102	0.632		Pass
n-Heptane	ND	27.6	94.8	5000	Pass
Trichloroethylene	ND	0.0751	0.632	80.0	Pass
Toluene	ND	10.9	94.8	890	Pass
Total Xylenes	ND	18.7	47.4	2170	Pass

Mycotoxins

✓ **PASS**

Date Started: 11/28/2023
Instrument: LC-MS/MS

Date Completed: 11/30/2023
Method: TP-09.009.04

Analyst: Yuemin Wang Kovaleff
Deviation: N/A

Mycotoxins	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Status
Aflatoxin B1	ND	1.87	4.60		
Aflatoxin B2	ND	0.370	3.45		
Aflatoxin G1	ND	0.384	3.45		
Aflatoxin G2	ND	0.974	4.60		
Ochratoxin A	ND	1.06	3.45		
Total Mycotoxins	ND	0.370	3.45	20.0	Pass



Eric Steele, Lab Director
 11/30/2023

END OF REPORT