



Customer: Regenerative LLC
Address:
 30 Noonan Way
 Uxbridge MA 01569
Phone: 508-916-8447
License #: MC282958 / MP281966



Sample ID: 21123
Sample Name: Bulk - Strawnana Smoothie - Vape Cart - 1g Distillate
Sample Type: Vape
Received Date: 12/06/2024
Report Date: 12/10/2024
METRC ID: 1A40A0300009BDD000023668
METRC Source ID:
 1A40A0300009BDD000023018
Client Batch ID: SNS-VC-240412
Client Sample Size: 6 each

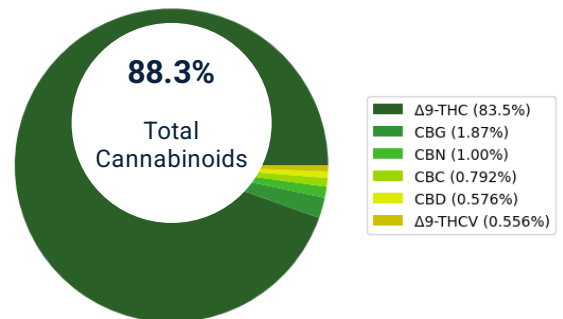


Certificate of Analysis

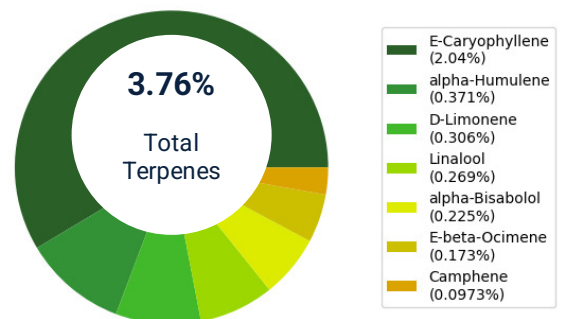
Results Summary

Cannabinoids	TESTED
12/10/2024	
Vitamin E Acetate	✓ PASS
12/10/2024	
Terpenes	TESTED
12/10/2024	
Heavy Metals	✓ PASS
12/10/2024	
Microbial Impurities	✓ PASS
12/09/2024	
Residual Solvents	✓ PASS
12/10/2024	
Mycotoxins	✓ PASS
12/10/2024	

Cannabinoid Distribution (%)



Terpene Distribution (%)



Certificate of Analysis

Cannabinoids

Date Started: 12/09/2024
Instrument: UPLC-PDA

Date Completed: 12/10/2024
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	83.5	835	0.273	1.48
CBG	1.87	18.7	0.00641	0.0738
CBN	1.00	10.0	0.0101	0.0738
CBC	0.792	7.92	0.00699	0.0590
CBD	0.576	5.76	0.0114	0.148
Δ9-THCV	0.556	5.56	0.00796	0.0590
CBDVA	ND	ND	0.00993	0.0590
CBDV	ND	ND	0.0282	0.0590
CBDA	ND	ND	0.00930	0.148
CBGA	ND	ND	0.00578	0.0738
Δ8-THCV	ND	ND	0.0144	0.0590
THCVA	ND	ND	0.00627	0.0590
CBNA	ND	ND	0.00779	0.0590
Exo-THC	ND	ND	0.0118	0.0590
Δ8-THC	ND	ND	0.0259	0.0738
CBL	ND	ND	0.0175	0.0590
THCA	ND	ND	0.0236	0.148
CBCA	ND	ND	0.0190	0.0590
Total THC	83.5	835		
Total CBD	0.576	5.76		
Total Cannabinoids	88.3	883		

Total THC = Δ9-THC + (THCA 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: 12/10/2024
Instrument: HPLC-UV

Date Completed: 12/10/2024
Method: TP-09.006.01

Analyst: Yuemin Wang Kovaleff
Deviation: N/A

Analyte	Result (ppm)	LOD (ppm)	LOQ (ppm)	Status
Tocopheryl Acetate	ND	65.7	150	Pass

Certificate of Analysis

Terpenes

Date Started: 12/09/2024
Instrument: GC-MS

Date Completed: 12/10/2024
Method: TP-09.004.03

Analyst: Garrett Lane
Deviation: N/A

Terpene	Result (%)	Result (mg/g)	LOD (%)	LOQ (%)
E-Caryophyllene	2.04	20.4	0.00661	0.0150
alpha-Humulene	0.371	3.71	0.00325	0.0150
D-Limonene	0.306	3.06	0.00318	0.0150
Linalool	0.269	2.69	0.00458	0.0150
alpha-Bisabolol	0.225	2.25	0.00557	0.0150
E-beta-Ocimene	0.173	1.73	0.00622	0.0150
Camphene	0.0973	0.973	0.00166	0.0150
beta-Myrcene	0.0874	0.874	0.00253	0.0150
alpha-Pinene	0.0865	0.865	0.00126	0.0150
beta-Pinene	0.0616	0.616	0.00312	0.0150
Geraniol	0.0217	0.217	0.00468	0.0150
Z-Nerolidol	<LOQ	<LOQ	0.00408	0.0150
Carophyllene Oxide	<LOQ	<LOQ	0.00341	0.0150
Isopulegol	ND	ND	0.00729	0.0150
E-Nerolidol	ND	ND	0.00343	0.0150
Guaiol	ND	ND	0.00327	0.0150
Eucalyptol	ND	ND	0.00456	0.0150
delta-3-Carene	ND	ND	0.00491	0.0150
alpha-Terpinene	ND	ND	0.00461	0.0150
Z-beta-Ocimene	ND	ND	0.00609	0.0150
gamma-Terpinene	ND	ND	0.00341	0.0150
Terpinolene	ND	ND	0.00188	0.0150
Total Terpenes	3.76	37.6		

Heavy Metals

✓ **PASS**

Date Started: 12/09/2024
Instrument: ICP-MS

Date Completed: 12/10/2024
Method: TP-09.007.01

Analyst: Meagan Mattos
Deviation: N/A

Heavy Metals	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Status
Arsenic	ND	10.8	72.9	200	Pass
Cadmium	ND	6.47	72.9	200	Pass
Lead	ND	5.95	72.9	500	Pass
Mercury	ND	5.19	36.4	100	Pass

Microbial Impurities

✓ **PASS**

Date Started: 12/06/2024
Instrument: TEMPO & Gene-Up

Date Completed: 12/09/2024
Method: TP-09.010.01 & TP-09.011.01

Analyst: Garrett Lane
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: 12/09/2024
Instrument: HS-GC-MS

Date Completed: 12/10/2024
Method: TP-09.005.03

Analyst: Garrett Lane
Deviation: N/A

Residual Solvent	Result (ppm)	LOD (ppm)	LOQ (ppm)	Limit (ppm)	Status
n-Propane	ND	0.363	1.42	12.0	Pass
Iso-butane	ND	0.238	1.42	12.0	Pass
n-Butane	ND	0.156	1.42	12.0	Pass
Methanol	ND	33.9	85.7	3000	Pass
Ethylene Oxide	ND	0.571	1.14		Pass
n-Pentane	ND	23.0	85.7	5000	Pass
Ethanol	<LOQ	15.9	85.7	5000	Pass
Ethyl Ether	ND	21.6	85.7	5000	Pass
Acetone	ND	15.5	85.7	5000	Pass
Isopropyl Alcohol	ND	19.4	85.7	5000	Pass
Acetonitrile	ND	12.1	85.7	410	Pass
Methylene Chloride	ND	0.571	1.14	600	Pass
n-Hexane	ND	23.3	85.7	290	Pass
Ethyl Acetate	ND	13.4	85.7	5000	Pass
Chloroform	ND	0.571	1.14	60.0	Pass
1,2-Dichloroethane	ND	0.571	1.14	1870	Pass
Benzene	ND	0.571	1.14		Pass
n-Heptane	ND	24.9	85.7	5000	Pass
Trichloroethylene	ND	0.571	1.14	80.0	Pass
Toluene	ND	9.86	85.7	890	Pass
Total Xylenes	ND	16.9	42.8	2170	Pass

Mycotoxins

✓ **PASS**

Date Started: 12/09/2024
Instrument: LC-MS/MS

Date Completed: 12/10/2024
Method: TP-09.009.04

Analyst: Lana Rivera
Deviation: N/A

Mycotoxins	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Status
Aflatoxin B1	ND	1.64	4.02		
Aflatoxin B2	ND	0.324	3.02		
Aflatoxin G1	ND	0.336	3.02		
Aflatoxin G2	ND	0.853	4.02		
Ochratoxin A	ND	0.931	3.02		
Total Mycotoxins	ND	0.324	3.02	20.0	Pass



Eric Steele, Lab Director
 12/10/2024

END OF REPORT