



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



Customer: Regenerative LLC

Address:

30 Noonan Way
Uxbridge MA 01569

Phone: 508-916-8447

License #: MC282958 / MP281966



Sample ID: 18895
Sample Name: Bulk - Under Breath - Live
Badger
Sample Type: Concentrate
Received Date: 10/16/2024
Report Date: 10/21/2024
METRC ID: 1A40A0300009BDD000021024
METRC Source ID:
1A40A0300009BDD000019778
Client Batch ID: UB-LB-240810
Client Sample Size: 4.1 grams

Certificate of Analysis



Results Summary

Cannabinoids

10/17/2024

TESTED

Terpenes

10/18/2024

TESTED

Heavy Metals

10/21/2024

✓ PASS

Microbial Impurities

10/21/2024

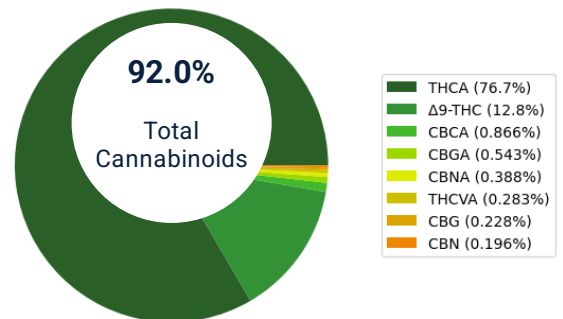
✓ PASS

Mycotoxins

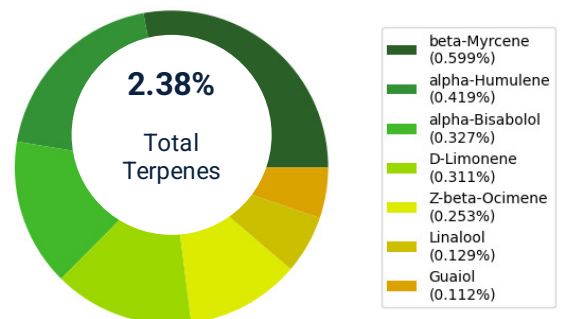
10/18/2024

✓ PASS

Cannabinoid Distribution (%)



Terpene Distribution (%)



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Cannabinoids

Date Started: 10/17/2024
Instrument: UPLC-PDA

Date Completed: 10/17/2024
Method: TP-09.001.05 & TP-09.012.05

Analyst: Yüemin Wang Kovaleff
Deviation: N/A

Cannabinoid	Result (%)	Result (mg/g)	LOD (%)	LOQ (%)
THCA	76.7	767	0.227	1.42
Δ9-THC	12.8	128	0.262	1.42
CBCA	0.866	8.66	0.0183	0.0567
CBGA	0.543	5.43	0.00556	0.0709
CBNA	0.388	3.88	0.00749	0.0567
THCVA	0.283	2.83	0.00602	0.0567
CBG	0.228	2.28	0.00616	0.0709
CBN	0.196	1.96	0.00971	0.0709
CBDA	0.138	1.38	0.00894	0.142
CBDVA	ND	ND	0.00954	0.0567
CBDV	ND	ND	0.0271	0.0567
CBD	ND	ND	0.0110	0.142
Δ9-THCV	ND	ND	0.00765	0.0567
Δ8-THCV	ND	ND	0.0138	0.0567
Exo-THC	ND	ND	0.0113	0.0567
Δ8-THC	ND	ND	0.0248	0.0709
CBL	ND	ND	0.0168	0.0567
CBC	ND	ND	0.00672	0.0567
Total THC	80.1	801		
Total CBD	<LOQ	<LOQ		
Total Cannabinoids	92.0	920		

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.

Certificate of Analysis

Terpenes

Date Started: 10/18/2024
Instrument: GC-MS

Date Completed: 10/18/2024
Method: TP-09.004.03

Analyst: Garrett Lane
Deviation: N/A

Terpene	Result (%)	Result (mg/g)	LOD (%)	LOQ (%)
beta-Myrcene	0.599	5.99	0.00251	0.0150
alpha-Humulene	0.419	4.19	0.00323	0.0150
alpha-Bisabolol	0.327	3.27	0.00554	0.0150
D-Limonene	0.311	3.11	0.00316	0.0150
Z-beta-Ocimene	0.253	2.53	0.00605	0.0150
Linalool	0.129	1.29	0.00456	0.0150
Guaiol	0.112	1.12	0.00325	0.0150
alpha-Pinene	0.0574	0.574	0.00126	0.0150
Terpinolene	0.0312	0.312	0.00187	0.0150
beta-Pinene	0.0286	0.286	0.00310	0.0150
Carophyllene Oxide	0.0248	0.248	0.00339	0.0150
E-beta-Ocimene	0.0242	0.242	0.00618	0.0150
Isopulegol	<LOQ	<LOQ	0.00725	0.0150
gamma-Terpinene	<LOQ	<LOQ	0.00339	0.0150
Camphene	<LOQ	<LOQ	0.00165	0.0150
Eucalyptol	<LOQ	<LOQ	0.00453	0.0150
alpha-Terpinene	<LOQ	<LOQ	0.00458	0.0150
delta-3-Carene	<LOQ	<LOQ	0.00488	0.0150
Z-Nerolidol	ND	ND	0.00406	0.0150
Geraniol	ND	ND	0.00465	0.0150
E-Caryophyllene	ND	ND	0.00657	0.0150
E-Nerolidol	ND	ND	0.00341	0.0150
Total Terpenes	2.38	23.8		

Heavy Metals

✓ **PASS**

Date Started: 10/18/2024
Instrument: ICP-MS

Date Completed: 10/21/2024
Method: TP-09.007.01

Analyst: Meagan Mattos
Deviation: N/A

Heavy Metals	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Status
Arsenic	ND	7.45	50.3	200	Pass
Cadmium	ND	4.47	50.3	200	Pass
Lead	<LOQ	4.11	50.3	500	Pass
Mercury	ND	3.58	25.2	100	Pass

Microbial Impurities

✓ **PASS**

Date Started: 10/17/2024
Instrument: TEMPO & Gene-Up

Date Completed: 10/21/2024
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	100	Pass
Bile-Tolerant Gram-Negative Bacteria	ND	100	Pass
Yeast & Mold	ND	1000	Pass
Aerobic Bacteria	ND	10000	Pass
E.coli	ND		Pass
Salmonella	ND		Pass

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Certificate of Analysis

Mycotoxins

✓ PASS

Date Started: 10/17/2024
Instrument: LC-MS/MS

Date Completed: 10/18/2024
Method: TP-09.009.04

Analyst: Lana Rivera
Deviation: N/A

Mycotoxins	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Status
Aflatoxin B1	ND	1.80	4.43		
Aflatoxin B2	ND	0.357	3.32		
Aflatoxin G1	ND	0.370	3.32		
Aflatoxin G2	ND	0.939	4.43		
Ochratoxin A	ND	1.03	3.32		
Total Mycotoxins	ND	0.357	3.32	20.0	Pass



Eric Steele, Lab Director
10/21/2024

END OF REPORT

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30 Noonan Way
Uxbridge MA 01569

Phone: 508-916-8447

License #: MC282958 / MP281966



Sample ID: 18592

Sample Name: Bulk - Under Breath - Live
Badder

Sample Strain:

Sample Type: Concentrate

Received Date: 10/09/2024

Report Date: 10/12/2024

METRC ID: 1A40A0300009BDD000020930

METRC Source ID:
1A40A0300009BDD000019778

Client Batch ID: UB-LB-240810

Client Sample Size: 3 grams



Results Summary

Residual Solvents

10/11/2024

✓ PASS

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Certificate of Analysis

Residual Solvents

 **PASS**Date Started: 10/10/2024
Instrument: HS-GC-MSDate Completed: 10/11/2024
Method: TP-09.005.03Analyst: Garrett Lane
Deviation: N/A

Residual Solvent	Result (ppm)	LOD (ppm)	LOQ (ppm)	Limit (ppm)	Status
n-Propane	ND	0.370	1.45	12.0	Pass
Iso-butane	ND	0.243	1.45	12.0	Pass
n-Butane	ND	0.159	1.45	12.0	Pass
Methanol	ND	34.5	87.3	3000	Pass
Ethylene Oxide	ND	0.582	1.16		Pass
n-Pentane	ND	23.5	87.3	5000	Pass
Ethanol	<LOQ	16.2	87.3	5000	Pass
Ethyl Ether	ND	22.1	87.3	5000	Pass
Acetone	ND	15.8	87.3	5000	Pass
Isopropyl Alcohol	ND	19.7	87.3	5000	Pass
Acetonitrile	ND	12.3	87.3	410	Pass
n-Hexane	ND	23.7	87.3	290	Pass
Ethyl Acetate	ND	13.7	87.3	5000	Pass
Chloroform	ND	0.582	1.16	60.0	Pass
1,2-Dichloroethane	ND	0.582	1.16	1870	Pass
Benzene	ND	0.582	1.16		Pass
n-Heptane	ND	25.4	87.3	5000	Pass
Trichloroethylene	ND	0.582	1.16	80.0	Pass
Toluene	ND	10.1	87.3	890	Pass
Total Xylenes	ND	17.2	43.7	2170	Pass

Eric Steele, Lab Director
10/12/2024

END OF REPORT

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