



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: 20587
Sample Name: Bulk - Temple Kush - Badder
Sample Type: Concentrate
Received Date: 11/21/2024
Report Date: 11/26/2024
METRC ID: 1A40A0300009BDD000021372
METRC Source ID:
1A40A0300009BDD000021914
Client Batch ID: TK-CB-240611
Client Sample Size: 4 grams

Certificate of Analysis



Results Summary

Cannabinoids

11/24/2024

TESTED

Terpenes

11/26/2024

TESTED

Heavy Metals

11/25/2024

✓ PASS

Microbial Impurities

11/25/2024

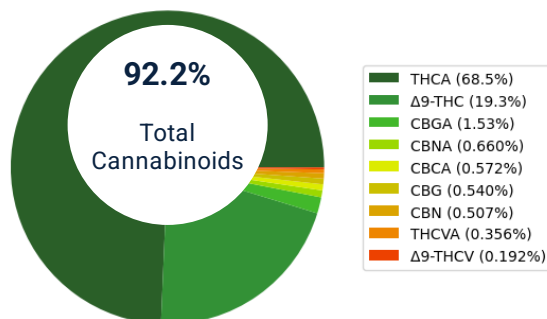
✓ PASS

Mycotoxins

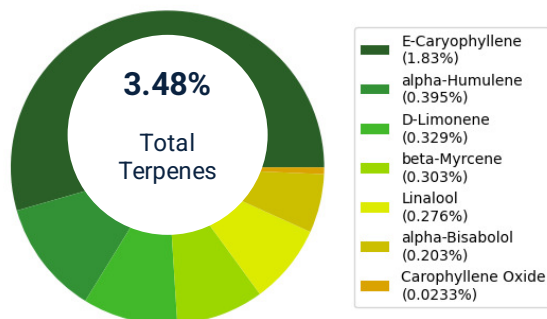
11/26/2024

✓ PASS

Cannabinoid Distribution (%)



Terpene Distribution (%)



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Cannabinoids

Date Started: 11/22/2024
Instrument: UPLC-PDA

Date Completed: 11/24/2024
Method: TP-09.001.05 & TP-09.012.05

Analyst: Yüemin Wang Kovaleff
Deviation: N/A

Cannabinoid	Result (%)	Result (mg/g)	LOD (%)	LOQ (%)
THCA	68.5	685	0.215	1.34
Δ9-THC	19.3	193	0.248	1.34
CBGA	1.53	15.3	0.00526	0.0671
CBNA	0.660	6.60	0.00708	0.0536
CBCA	0.572	5.72	0.0173	0.0536
CBG	0.540	5.40	0.00583	0.0671
CBN	0.507	5.07	0.00918	0.0671
THCVA	0.356	3.56	0.00570	0.0536
Δ9-THCV	0.192	1.92	0.00723	0.0536
CBDA	<LOQ	<LOQ	0.00846	0.134
CBDVA	ND	ND	0.00902	0.0536
CBDV	ND	ND	0.0256	0.0536
CBD	ND	ND	0.0104	0.134
Δ8-THCV	ND	ND	0.0131	0.0536
Exo-THC	ND	ND	0.0107	0.0536
Δ8-THC	ND	ND	0.0235	0.0671
CBL	ND	ND	0.0159	0.0536
CBC	ND	ND	0.00635	0.0536
Total THC	79.4	794		
Total CBD	<LOQ	<LOQ		
Total Cannabinoids	92.2	922		

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: 11/22/2024
Instrument: GC-MS

Date Completed: 11/26/2024
Method: TP-09.004.03

Analyst: Garrett Lane
Deviation: N/A

Terpene	Result (%)	Result (mg/g)	LOD (%)	LOQ (%)
E-Caryophyllene	1.83	18.3	0.00609	0.0139
alpha-Humulene	0.395	3.95	0.00299	0.0139
D-Limonene	0.329	3.29	0.00293	0.0139
beta-Myrcene	0.303	3.03	0.00233	0.0139
Linalool	0.276	2.76	0.00422	0.0139
alpha-Bisabolol	0.203	2.03	0.00513	0.0139
Carophyllene Oxide	0.0233	0.233	0.00314	0.0139
beta-Pinene	0.0233	0.233	0.00287	0.0139
Z-beta-Ocimene	0.0211	0.211	0.00561	0.0139
alpha-Pinene	0.0184	0.184	0.00116	0.0139
Terpinolene	0.0174	0.174	0.00173	0.0139
Eucalyptol	<LOQ	<LOQ	0.00420	0.0139
gamma-Terpinene	<LOQ	<LOQ	0.00314	0.0139
Camphene	<LOQ	<LOQ	0.00153	0.0139
E-beta-Ocimene	<LOQ	<LOQ	0.00573	0.0139
Geraniol	ND	ND	0.00431	0.0139
Isopulegol	ND	ND	0.00672	0.0139
Z-Nerolidol	ND	ND	0.00376	0.0139
E-Nerolidol	ND	ND	0.00316	0.0139
Guaiol	ND	ND	0.00302	0.0139
delta-3-Carene	ND	ND	0.00452	0.0139
alpha-Terpinene	ND	ND	0.00425	0.0139
Total Terpenes	3.48	34.8		

Heavy Metals

✓ **PASS**

Date Started: 11/22/2024
Instrument: ICP-MS

Date Completed: 11/25/2024
Method: TP-09.007.01

Analyst: Meagan Mattos
Deviation: N/A

Heavy Metals	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Status
Arsenic	ND	11.3	76.4	200	Pass
Cadmium	ND	6.78	76.4	200	Pass
Lead	ND	6.23	76.4	500	Pass
Mercury	ND	5.44	38.2	100	Pass

Microbial Impurities

✓ **PASS**

Date Started: 11/22/2024
Instrument: TEMPO & Gene-Up

Date Completed: 11/25/2024
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: 11/25/2024
Instrument: LC-MS/MS

Date Completed: 11/26/2024
Method: TP-09.009.04

Analyst: Lana Rivera
Deviation: N/A

Mycotoxins	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Status
Aflatoxin B1	ND	2.05	5.03		
Aflatoxin B2	ND	0.405	3.77		
Aflatoxin G1	ND	0.420	3.77		
Aflatoxin G2	ND	1.07	5.03		
Ochratoxin A	ND	1.17	3.77		
Total Mycotoxins	ND	0.405	3.77	20.0	Pass



Eric Steele, Lab Director
11/26/2024

END OF REPORT

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30 Noonan Way
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Phone: 508-916-8447

License #: MC282958 / MP281966



Sample ID: 20289

Sample Name: Bulk - Temple Kush - Badder

Sample Type: Concentrate

Received Date: 11/15/2024

Report Date: 11/18/2024

METRC ID: 1A40A0300009BDD000021253

METRC Source ID:

1A40A0300009BDD000021914

Client Batch ID: TK-CB-240611

Client Sample Size: 1 grams



Results Summary

Residual Solvents

11/18/2024

✓ PASS

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Certificate of Analysis

Residual Solvents

✓ PASS

Date Started: 11/15/2024
Instrument: HS-GC-MS

Date Completed: 11/18/2024
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	0.367	1.44	12.0	Pass
Iso-butane	ND	0.241	1.44	12.0	Pass
n-Butane	2.08	0.158	1.44	12.0	Pass
Methanol	ND	34.3	86.8	3000	Pass
Ethylene Oxide	ND	0.578	1.16		Pass
n-Pentane	ND	23.3	86.8	5000	Pass
Ethanol	<LOQ	16.1	86.8	5000	Pass
Ethyl Ether	ND	21.9	86.8	5000	Pass
Acetone	ND	15.7	86.8	5000	Pass
Isopropyl Alcohol	ND	19.6	86.8	5000	Pass
Acetonitrile	ND	12.2	86.8	410	Pass
n-Hexane	ND	23.6	86.8	290	Pass
Ethyl Acetate	ND	13.6	86.8	5000	Pass
Chloroform	ND	0.578	1.16	60.0	Pass
1,2-Dichloroethane	ND	0.578	1.16	1870	Pass
Benzene	ND	0.578	1.16		Pass
n-Heptane	ND	25.3	86.8	5000	Pass
Trichloroethylene	ND	0.578	1.16	80.0	Pass
Toluene	ND	9.99	86.8	890	Pass
Total Xylenes	ND	17.1	43.4	2170	Pass



Eric Steele, Lab Director
11/18/2024

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