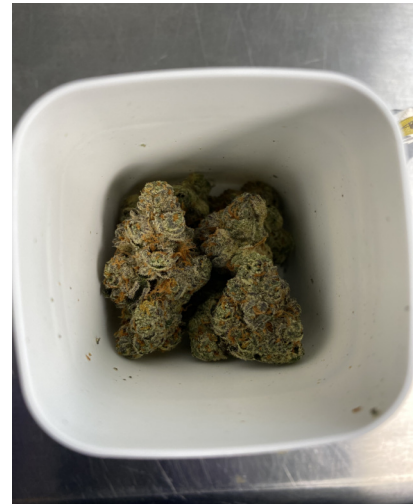




Smithers AMS LLC
790 Main St
Wareham, MA 02571
License #: IL281355
Phone: 508-295-2550

Certificate of Analysis



Customer: Bostica, LLC

Address:

71 Linden Street
Lynn MA 01905

Phone: 978-569-4063

License #: MC282139



Sample ID: 14965
Sample Name: M00003024537: Grape
Gasoline Bulk Buds
Sample Strain: Grape Gasoline
Sample Type: Flower
Received Date: 07/10/2024
Report Date: 07/13/2024
METRC ID: 1A40A030000E1C9000004979
METRC Source ID:
1A40A030000E1C9000003897
Client Batch ID: 050624GASLF71
Client Sample Size: 8 g

Results Summary

Cannabinoids

07/11/2024

TESTED

Terpenes Extended

07/13/2024

TESTED

Heavy Metals

07/13/2024

✓ PASS

Microbial Impurities

07/13/2024

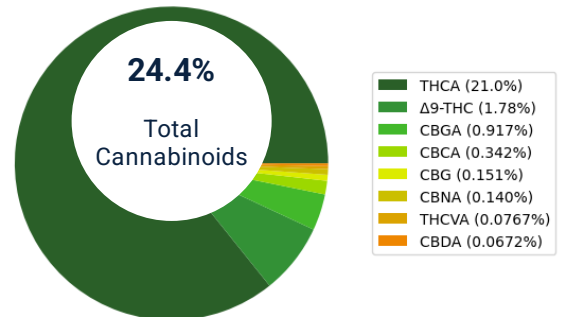
✓ PASS

**Pesticides and
Mycotoxins**

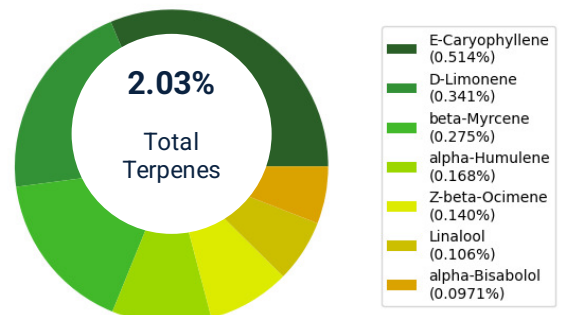
07/13/2024

✓ PASS

Cannabinoid Distribution (%)



Terpene Distribution (%)



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Cannabinoids

Date Started: 07/10/2024
Instrument: UPLC-PDA

Date Completed: 07/11/2024
Method: TP-09.001.05 & TP-09.012.05

Analyst: Yüemin Wang Kovaleff
Deviation: N/A

Cannabinoid	Result (%)	Result (mg/g)	LOD (%)	LOQ (%)
THCA	21.0	210	0.0824	0.515
Δ9-THC	1.78	17.8	0.00952	0.0515
CBGA	0.917	9.17	0.00202	0.0258
CBCA	0.342	3.42	0.00663	0.0206
CBG	0.151	1.51	0.00224	0.0258
CBNA	0.140	1.40	0.00272	0.0206
THCVA	0.0767	0.767	0.00219	0.0206
CBDA	0.0672	0.672	0.00325	0.0515
CBDVA	ND	ND	0.00347	0.0206
CBDV	ND	ND	0.00985	0.0206
CBD	ND	ND	0.00399	0.0515
Δ9-THCV	ND	ND	0.00278	0.0206
Δ8-THCV	ND	ND	0.00503	0.0206
CBN	ND	ND	0.00353	0.0258
Exo-THC	ND	ND	0.00412	0.0206
Δ8-THC	ND	ND	0.00902	0.0258
CBL	ND	ND	0.00610	0.0206
CBC	ND	ND	0.00244	0.0206
Total THC	20.2	202		
Total CBD	0.0589	0.589		
Total Cannabinoids	24.4	244		

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 Extended

Date Started: 07/10/2024
Instrument: GC-MS

Date Completed: 07/13/2024
Method: TP-09.004.03

Analyst: Yuemin Wang Kovaleff
Deviation: N/A

Terpene	Result (%)	Result (mg/g)	LOD (%)	LOQ (%)
E-Caryophyllene	0.514	5.14	0.00226	0.00515
D-Limonene	0.341	3.41	0.00109	0.00515
beta-Myrcene	0.275	2.75	0.000865	0.00515
alpha-Humulene	0.168	1.68	0.00111	0.00515
Z-beta-Ocimene	0.140	1.40	0.00208	0.00515
Linalool	0.106	1.06	0.00157	0.00515
alpha-Bisabolol	0.0971	0.971	0.00191	0.00515
alpha-Pinene	0.0944	0.944	0.000433	0.00515
alpha-Terpineol	0.0747	0.747	0.00194	0.00515
Endo-Fenchyl Alcohol	0.0647	0.647	0.00171	0.00515
beta-Pinene	0.0634	0.634	0.00107	0.00515
Carophyllene Oxide	0.0216	0.216	0.00117	0.00515
[+/-]-Borneol	0.0159	0.159	0.00199	0.0103
E-beta-Ocimene	0.0141	0.141	0.00213	0.00515
Camphene	0.0118	0.118	0.000569	0.00515
Geraniol	0.00906	0.0906	0.00160	0.00515
Terpinolene	0.00532	0.0532	0.000643	0.00515
[+/-]-Fenchone	<LOQ	<LOQ	0.00114	0.0103
Sabinene Hydrate	<LOQ	<LOQ	0.00172	0.00515
Isoborneol	<LOQ	<LOQ	0.00110	0.00515
Eucalyptol	<LOQ	<LOQ	0.00156	0.00515
gamma-Terpineol	ND	ND	0.000923	0.00515
Isopulegol	ND	ND	0.00250	0.00515
Nerol	ND	ND	0.00162	0.00515
Pulegone	ND	ND	0.00195	0.00515
Valencene	ND	ND	0.00136	0.00515
Z-Nerolidol	ND	ND	0.00140	0.00515
E-Nerolidol	ND	ND	0.00117	0.00515
Guaiol	ND	ND	0.00112	0.00515
Sabinene	ND	ND	0.00176	0.00515
alpha-Phellandrene	ND	ND	0.000803	0.00515
Menthol	ND	ND	0.00172	0.00515
alpha-Cedrene	ND	ND	0.00156	0.00515
Geranyl Acetate	ND	ND	0.00242	0.00515
Cedrol	ND	ND	0.00210	0.00515
[+,N,-]-Camphor	ND	ND	0.00381	0.0155
delta-3-Carene	ND	ND	0.00168	0.00515
alpha-Terpinene	ND	ND	0.00158	0.00515
gamma-Terpinene	ND	ND	0.00117	0.00515
Total Terpenes	2.03	20.3		

Heavy Metals

 **PASS**

Date Started: 07/12/2024
Instrument: ICP-MS

Date Completed: 07/13/2024
Method: TP-09.007.01

Analyst: Meagan Mattos
Deviation: N/A

Heavy Metals	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Status
Arsenic	<LOQ	7.55	51.0	200	Pass
Cadmium	ND	4.53	51.0	200	Pass
Lead	<LOQ	4.16	51.0	500	Pass
Mercury	<LOQ	3.63	25.5	100	Pass

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Certificate of Analysis

Microbial Impurities

✓ **PASS**

Date Started: 07/10/2024
Instrument: TEMPO & Gene-Up

Date Completed: 07/13/2024
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

Pesticides and Mycotoxins

✓ **PASS**

Date Started: 07/11/2024
Instrument: LC-MS/MS & GC-MS/MS

Date Completed: 07/13/2024
Method: TP-09.008.02 & TP-09.009.04

Analyst: Yuemin Wang Kovaleff
Deviation: N/A

Analyte	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Status
Bifenazate	ND	0.585	3.54	10.0	Pass
Bifenthrin	ND	1.24	3.54	10.0	Pass
Cyfluthrin	ND	0.469	2.95	10.0	Pass
Etoxazole	ND	0.858	3.54	10.0	Pass
Imazalil	ND	0.882	3.54	10.0	Pass
Imidacloprid	ND	0.413	3.54	10.0	Pass
Myclobutanil	ND	0.969	3.54	10.0	Pass
Spiromesifen	ND	1.03	3.54	10.0	Pass
Trifloxystrobin	ND	0.545	3.54	10.0	Pass
Aflatoxin B1	ND	1.92	4.71		
Aflatoxin B2	ND	0.380	3.54		
Aflatoxin G1	ND	0.394	3.54		
Aflatoxin G2	ND	1.00	4.71		
Ochratoxin A	ND	1.09	3.54		
Total Mycotoxins	ND	0.380	3.54	20.0	Pass



Eric Steele, Lab Director
 07/13/2024

END OF REPORT