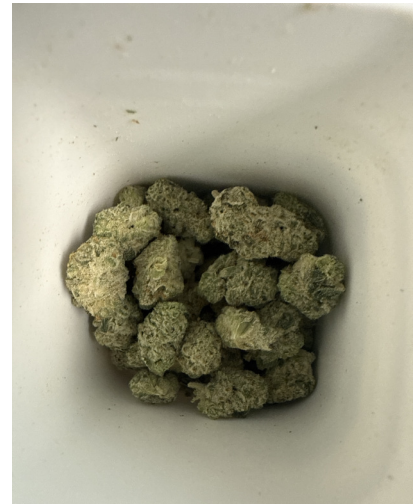




SMITHERS

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

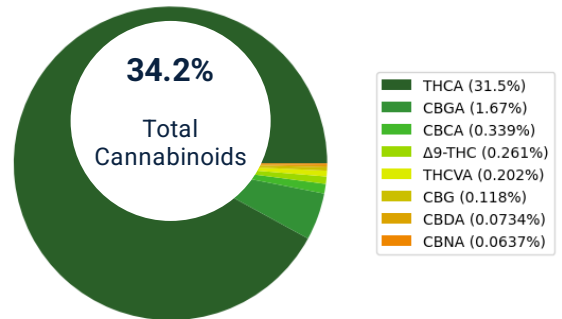


Sample ID: 27522
Sample Name: M00003769915: Purple Milk Popcorn
Sample Strain: Purple Milk
Sample Type: Flower
Received Date: 05/08/2025
Report Date: 05/12/2025
METRC ID: 1A40A030000E1C9000018660
METRC Source ID: 1A40A030000E1C9000018414
Client Batch ID: 031725PMLKF72
Client Sample Size: 7 grams

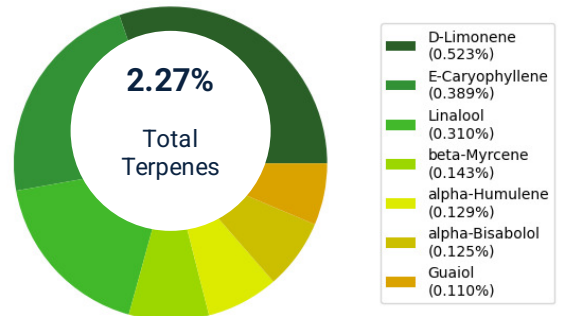
Results Summary

Cannabinoids 05/09/2025	TESTED
Terpenes Extended 05/12/2025	TESTED
Heavy Metals 05/10/2025	<input checked="" type="checkbox"/> PASS
Microbial Impurities 05/12/2025	<input checked="" type="checkbox"/> PASS
Pesticides and Mycotoxins 05/12/2025	<input checked="" type="checkbox"/> PASS

Cannabinoid Distribution (%)



Terpene Distribution (%)



Disclaimer: The results presented within this report pertain only to the sample(s) indicated, as received by Smithers AMS LLC. Smithers AMS LLC is responsible for the information provided in this report, unless indicated that the customer provided the information. This report shall not be reproduced, except in full, without the written approval of Smithers AMS LLC. Action limits used to dictate pass/fail criteria are set by the Massachusetts Cannabis Control Commission.





SMITHERS

Smithers AMS LLC

790 Main St

Wareham, MA 02571

License #: IL281355

Phone: 508-295-2550

Certificate of Analysis

Cannabinoids

Date Started: 05/09/2025

Instrument: UPLC-PDA

Date Completed: 05/09/2025

Method: TP-09.001.05 & TP-09.012.05

Analyst: Yueming Wang Kovaleff

Deviation: N/A

Cannabinoid	Result (%)	Result (mg/g)	LOD (%)	LOQ (%)
THCA	31.5	315	0.0923	0.577
CBGA	1.67	16.7	0.00226	0.0288
CBCA	0.339	3.39	0.00743	0.0231
Δ9-THC	0.261	2.61	0.0107	0.0577
THCVA	0.202	2.02	0.00245	0.0231
CBG	0.118	1.18	0.00250	0.0288
CBDA	0.0734	0.734	0.00363	0.0577
CBNA	0.0637	0.637	0.00304	0.0231
CBDVA	ND	ND	0.00388	0.0231
CBDV	ND	ND	0.0110	0.0231
CBD	ND	ND	0.00446	0.0577
Δ9-THCV	ND	ND	0.00311	0.0231
Δ8-THCV	ND	ND	0.00563	0.0231
CBN	ND	ND	0.00395	0.0288
Exo-THC	ND	ND	0.00461	0.0231
Δ8-THC	ND	ND	0.0101	0.0288
CBL	ND	ND	0.00683	0.0231
CBC	ND	ND	0.00273	0.0231
Total THC	27.9	279		
Total CBD	0.0644	0.644		
Total Cannabinoids	34.2	342		

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.

Disclaimer: The results presented within this report pertain only to the sample(s) indicated, as received by Smithers AMS LLC. Smithers AMS LLC is responsible for the information provided in this report, unless indicated that the customer provided the information. This report shall not be reproduced, except in full, without the written approval of Smithers AMS LLC. Action limits used to dictate pass/fail criteria are set by the Massachusetts Cannabis Control Commission.





SMITHERS

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

Certificate of Analysis

Terpenes Extended

Date Started: 05/09/2025
Instrument: GC-MS

Date Completed: 05/12/2025
Method: TP-09.004.03

Analyst: Garrett Lane
Deviation: N/A

Terpene	Result (%)	Result (mg/g)	LOD (%)	LOQ (%)
D-Limonene	0.523	5.23	0.00122	0.00577
E-Caryophyllene	0.389	3.89	0.00253	0.00577
Linalool	0.310	3.10	0.00176	0.00577
beta-Myrcene	0.143	1.43	0.000969	0.00577
alpha-Humulene	0.129	1.29	0.00125	0.00577
alpha-Bisabolol	0.125	1.25	0.00214	0.00577
Guaiol	0.110	1.10	0.00125	0.00577
alpha-Terpineol	0.0990	0.990	0.00218	0.00577
[+/-]-Borneol	0.0990	0.990	0.00223	0.0115
Endo-Fenchyl Alcohol	0.0798	0.798	0.00192	0.00577
beta-Pinene	0.0592	0.592	0.00119	0.00577
alpha-Pinene	0.0462	0.462	0.000484	0.00577
Sabinene Hydrate	0.0404	0.404	0.00193	0.00577
Terpinolene	0.0366	0.366	0.000720	0.00577
Z-beta-Ocimene	0.0349	0.349	0.00233	0.00577
Carophyllene Oxide	0.0145	0.145	0.00131	0.00577
Camphene	0.0141	0.141	0.000637	0.00577
E-beta-Ocimene	0.00969	0.0969	0.00238	0.00577
[+/-]-Fenchone	<LOQ	<LOQ	0.00128	0.0115
gamma-Terpineol	ND	ND	0.00103	0.00577
Isopulegol	ND	ND	0.00280	0.00577
Nerol	ND	ND	0.00182	0.00577
Geraniol	ND	ND	0.00179	0.00577
Pulegone	ND	ND	0.00219	0.00577
Valencene	ND	ND	0.00152	0.00577
Z-Nerolidol	ND	ND	0.00156	0.00577
E-Nerolidol	ND	ND	0.00131	0.00577
Eucalyptol	ND	ND	0.00175	0.00577
Sabinene	ND	ND	0.00196	0.00577
alpha-Phellandrene	ND	ND	0.000899	0.00577
Isoborneol	ND	ND	0.00124	0.00577
Menthol	ND	ND	0.00192	0.00577
alpha-Cedrene	ND	ND	0.00175	0.00577
Geranyl Acetate	ND	ND	0.00271	0.00577
Cedrol	ND	ND	0.00235	0.00577
[+,N,-]-Camphor	ND	ND	0.00426	0.0173
delta-3-Carene	ND	ND	0.00188	0.00577
alpha-Terpinene	ND	ND	0.00177	0.00577
gamma-Terpinene	ND	ND	0.00131	0.00577
Total Terpenes	2.27	22.7		

Heavy Metals

PASS

Date Started: 05/09/2025
Instrument: ICP-MS

Date Completed: 05/10/2025
Method: TP-09.007.01

Analyst: Meagan Mattos
Deviation: N/A

Heavy Metals	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Status
Arsenic	ND	12.0	80.8	200	Pass
Cadmium	ND	7.18	80.8	200	Pass
Lead	ND	6.59	80.8	500	Pass
Mercury	ND	5.75	40.4	100	Pass

Disclaimer: The results presented within this report pertain only to the sample(s) indicated, as received by Smithers AMS LLC. Smithers AMS LLC is responsible for the information provided in this report, unless indicated that the customer provided the information. This report shall not be reproduced, except in full, without the written approval of Smithers AMS LLC. Action limits used to dictate pass/fail criteria are set by the Massachusetts Cannabis Control Commission.





SMITHERS

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

Certificate of Analysis

Microbial Impurities

✓ PASS

Date Started: 05/08/2025
Instrument: TEMPO & Gene-Up

Date Completed: 05/12/2025
Method: TP-09.010.01 & TP-09.011.01

Analyst: Sydney Murphy
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: 05/08/2025
Instrument: LC-MS/MS & GC-MS/MS

Date Completed: 05/12/2025
Method: TP-09.008.02 & TP-09.009.04

Analyst: Lana Rivera
Deviation: N/A

Analyte	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Status
Bifenazate	ND	0.534	3.23	10.0	Pass
Bifenthrin	ND	1.14	3.23	10.0	Pass
Cyfluthrin	ND	0.429	2.69	10.0	Pass
Etoazole	ND	0.784	3.23	10.0	Pass
Imazalil	ND	0.806	3.23	10.0	Pass
Imidacloprid	ND	0.377	3.23	10.0	Pass
Myclobutanil	ND	0.886	3.23	10.0	Pass
Spiromesifen	ND	0.944	3.23	10.0	Pass
Trifloxystrobin	ND	0.498	3.23	10.0	Pass
Aflatoxin B1	ND	1.75	4.31		
Aflatoxin B2	ND	0.347	3.23		
Aflatoxin G1	ND	0.360	3.23		
Aflatoxin G2	ND	0.914	4.31		
Ochratoxin A	ND	0.998	3.23		
Total Mycotoxins	ND	0.347	3.23	20.0	Pass

Yuemin Wang Kovaleff, Lab
Manager
05/12/2025

END OF REPORT

Disclaimer: The results presented within this report pertain only to the sample(s) indicated, as received by Smithers AMS LLC. Smithers AMS LLC is responsible for the information provided in this report, unless indicated that the customer provided the information. This report shall not be reproduced, except in full, without the written approval of Smithers AMS LLC. Action limits used to dictate pass/fail criteria are set by the Massachusetts Cannabis Control Commission.

