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

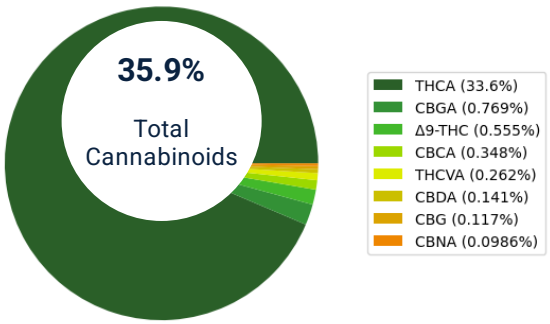
License #: MC282139

Sample ID: 50117
Sample Name: M00004184331: Purple Starfruit Bulk Buds
Sample Strain: Purple Starfruit
Sample Type: Flower
Received Date: 07/10/2026
Report Date: 07/14/2026
METRC ID: 1A40A030000E1C9000031291
METRC Source ID: 1A40A030000E1C9000031857
Client Batch ID: 061526PPSFF43
Sanitization Method: Photonic Light
Client Sample Size: 7 grams

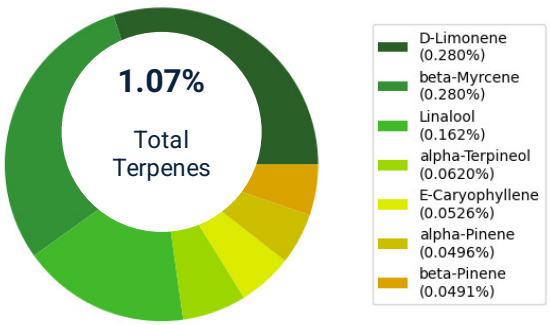
Results Summary

Cannabinoids 07/14/2026	TESTED	
Terpenes Extended 07/14/2026	TESTED	
Heavy Metals 07/14/2026	☑	PASS
Microbial Impurities 07/14/2026	☑	PASS
Pesticides and Mycotoxins 07/14/2026	☑	PASS

Cannabinoid Distribution (%)



Terpene Distribution (%)



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Cannabinoids

Date Started: 07/13/2026
Instrument: UPLC-PDA

Date Completed: 07/14/2026
Method: TP-09.001.06 & TP-09.012.07

Analyst: Lana Rivera (B144852)
Deviation: N/A

Cannabinoid	Result (%)	Result (mg/g)	LOD (%)	LOQ (%)
THCA	33.6	336	0.0930	0.581
CBGA	0.769	7.69	0.00228	0.0291
Δ9-THC	0.555	5.55	0.0107	0.0581
CBCA	0.348	3.48	0.00749	0.0233
THCVA	0.262	2.62	0.00247	0.0233
CBDA	0.141	1.41	0.00367	0.0581
CBG	0.117	1.17	0.00253	0.0291
CBNA	0.0986	0.986	0.00307	0.0233
CBDVA	ND	ND	0.00391	0.0233
CBDV	ND	ND	0.0111	0.0233
CBD	ND	ND	0.00450	0.0581
Δ9-THCV	ND	ND	0.00313	0.0233
Δ8-THCV	ND	ND	0.00567	0.0233
CBN	ND	ND	0.00398	0.0291
Exo-THC	ND	ND	0.00465	0.0233
Δ8-THC	ND	ND	0.0102	0.0291
CBL	ND	ND	0.00688	0.0233
CBC	ND	ND	0.00275	0.0233
Total THC	**30.1**	**301**		
Total CBD	**0.124**	**1.24**		
Total Cannabinoids	**35.9**	**359**		

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.

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Certificate of Analysis

Terpenes Extended

Date Started: 07/13/2026
Instrument: GC-MS

Date Completed: 07/14/2026
Method: TP-09.004.06

Analyst: Lana Rivera (B144852)
Deviation: N/A

Terpene	Result (%)	Result (mg/g)	LOD (%)	LOQ (%)
D-Limonene	0.280	2.80	0.00123	0.00581
beta-Myrcene	0.280	2.80	0.000977	0.00581
Linalool	0.162	1.62	0.00177	0.00581
alpha-Terpineol	0.0620	0.620	0.00220	0.00581
E-Caryophyllene	0.0526	0.526	0.00255	0.00581
alpha-Pinene	0.0496	0.496	0.000488	0.00581
beta-Pinene	0.0491	0.491	0.00120	0.00581
Endo-Fenchyl Alcohol	0.0464	0.464	0.00193	0.00581
alpha-Humulene	0.0270	0.270	0.00126	0.00581
[+/-]-Borneol	0.0160	0.160	0.00225	0.0116
alpha-Bisabolol	0.0137	0.137	0.00215	0.00581
Camphene	0.0113	0.113	0.000642	0.00581
Carophyllene Oxide	0.00980	0.0980	0.00132	0.00581
[+/-]-Fenchone	<LOQ	<LOQ	0.00129	0.0116
Terpinolene	<LOQ	<LOQ	0.000726	0.00581
E-beta-Ocimene	ND	ND	0.00240	0.00581
gamma-Terpineol	ND	ND	0.00104	0.00581
Isopulegol	ND	ND	0.00282	0.00581
Nerol	ND	ND	0.00183	0.00581
Geraniol	ND	ND	0.00181	0.00581
Pulegone	ND	ND	0.00220	0.00581
Valencene	ND	ND	0.00153	0.00581
Z-Nerolidol	ND	ND	0.00158	0.00581
E-Nerolidol	ND	ND	0.00133	0.00581
Guaiol	ND	ND	0.00127	0.00581
Eucalyptol	ND	ND	0.00176	0.00581
Sabinene	ND	ND	0.00198	0.00581
alpha-Phellandrene	ND	ND	0.000907	0.00581
Sabinene Hydrate	ND	ND	0.00194	0.00581
Isoborneol	ND	ND	0.00125	0.00581
Menthol	ND	ND	0.00194	0.00581
alpha-Cedrene	ND	ND	0.00176	0.00581
Geranyl Acetate	ND	ND	0.00273	0.00581
Cedrol	ND	ND	0.00237	0.00581
[+,N,-]-Camphor	ND	ND	0.00430	0.0174
delta-3-Carene	ND	ND	0.00190	0.00581
alpha-Terpinene	ND	ND	0.00178	0.00581
Z-beta-Ocimene	ND	ND	0.00235	0.00581
gamma-Terpinene	ND	ND	0.00132	0.00581
Total Terpenes	**1.07**	**10.7**		

Heavy Metals

PASS

Date Started: 07/14/2026
Instrument: ICP-MS

Date Completed: 07/14/2026
Method: TP-09.007.04

Analyst: Meagan Mattos (B154555)
Deviation: N/A

Heavy Metals	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Status
Arsenic	<LOQ	11.0	74.4	200	Pass
Cadmium	ND	66.0	74.4	200	Pass
Lead	<LOQ	6.07	74.4	500	Pass
Mercury	ND	5.29	37.2	100	Pass

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Microbial Impurities

PASS

Date Started: 07/10/2026
Instrument: TEMPO & Gene-Up

Date Completed: 07/14/2026
Method: TP-09.010.02 & TP-09.011.03

Analyst: Sydney Murphy (B168056)
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: 07/13/2026
Instrument: LC-MS/MS & GC-MS/MS

Date Completed: 07/14/2026
Method: TP-09.008.03 & TP-09.009.05

Analyst: Lana Rivera (B144852)
Deviation: N/A

Analyte	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Status
Bifenazate	ND	0.990	3.26	10.0	Pass
Bifenthrin	ND	0.990	3.26	10.0	Pass
Cyfluthrin	ND	0.433	2.72	10.0	Pass
Etoxazole	ND	0.990	3.26	10.0	Pass
Imazalil	ND	0.990	3.26	10.0	Pass
Imidacloprid	ND	0.990	3.26	10.0	Pass
Myclobutanil	ND	0.990	3.26	10.0	Pass
Spiromesifen	ND	1.32	4.35	10.0	Pass
Trifloxystrobin	ND	0.990	3.26	10.0	Pass
Aflatoxin B1	ND	0.990	3.26		
Aflatoxin B2	ND	0.990	3.26		
Aflatoxin G1	ND	0.990	3.26		
Aflatoxin G2	ND	0.990	3.26		
Ochratoxin A	ND	0.990	3.26		
Total Mycotoxins	**ND**	**0.990**	**3.26**	**20.0**	**Pass**

Yuemin Wang Kovaleff, Lab Manager
07/14/2026

END OF REPORT

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