

# Certificate of Analysis

bostica

Customer: Bostica, LLC

Address:

71 Linden Street  
Lynn MA 01905

Phone: 978-569-4063

License #: MC282139



Sample ID: 13794  
Sample Name: M00003024421: Jealousy Bulk Buds  
Sample Strain: Jealousy  
Sample Type: Flower  
Received Date: 06/18/2024  
Report Date: 06/22/2024  
METRC ID: 1A40A030000E1C9000003990  
METRC Source ID:  
1A40A030000E1C9000002914  
Client Batch ID: 041224JLSYF22  
Client Sample Size: 8 g

## Results Summary

### Cannabinoids

06/19/2024

TESTED

### Terpenes Extended

06/21/2024

TESTED

### Heavy Metals

06/22/2024

✓ PASS

### Microbial Impurities

06/22/2024

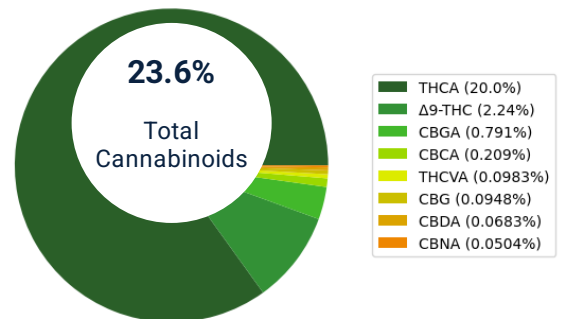
✓ PASS

### Pesticides and Mycotoxins

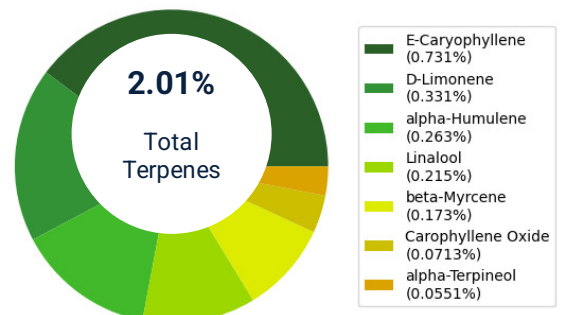
06/20/2024

✓ PASS

## Cannabinoid Distribution (%)



## Terpene Distribution (%)



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## Cannabinoids

**Date Started:** 06/19/2024  
**Instrument:** UPLC-PDA

**Date Completed:** 06/19/2024  
**Method:** TP-09.001.05 & TP-09.012.05

**Analyst:** Yueming Wang Kovaleff  
**Deviation:** N/A

Cannabinoid	Result (%)	Result (mg/g)	LOD (%)	LOQ (%)
THCA	20.0	200	0.0884	0.553
Δ9-THC	2.24	22.4	0.0102	0.0553
CBGA	0.791	7.91	0.00217	0.0276
CBCA	0.209	2.09	0.00712	0.0221
THCVA	0.0983	0.983	0.00235	0.0221
CBG	0.0948	0.948	0.00240	0.0276
CBDA	0.0683	0.683	0.00348	0.0553
CBNA	0.0504	0.504	0.00292	0.0221
CBDVA	ND	ND	0.00372	0.0221
CBDV	ND	ND	0.0106	0.0221
CBD	ND	ND	0.00428	0.0553
Δ9-THCV	ND	ND	0.00298	0.0221
Δ8-THCV	ND	ND	0.00539	0.0221
CBN	ND	ND	0.00378	0.0276
Exo-THC	ND	ND	0.00442	0.0221
Δ8-THC	ND	ND	0.00968	0.0276
CBL	ND	ND	0.00654	0.0221
CBC	ND	ND	0.00262	0.0221
<b>Total THC</b>	<b>19.8</b>	<b>198</b>		
<b>Total CBD</b>	<b>0.0599</b>	<b>0.599</b>		
<b>Total Cannabinoids</b>	<b>23.6</b>	<b>236</b>		

**Total THC** = Δ9-THC + (THCA-A 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.

## Terpenes Extended

**Date Started:** 06/19/2024  
**Instrument:** GC-MS

**Date Completed:** 06/21/2024  
**Method:** TP-09.004.03

**Analyst:** Yuemin Wang Kovaleff  
**Deviation:** N/A

Terpene	Result (%)	Result (mg/g)	LOD (%)	LOQ (%)
E-Caryophyllene	0.731	7.31	0.00243	0.00553
D-Limonene	0.331	3.31	0.00117	0.00553
alpha-Humulene	0.263	2.63	0.00119	0.00553
Linalool	0.215	2.15	0.00168	0.00553
beta-Myrcene	0.173	1.73	0.000928	0.00553
Carophyllene Oxide	0.0713	0.713	0.00125	0.00553
alpha-Terpineol	0.0551	0.551	0.00209	0.00553
Endo-Fenchyl Alcohol	0.0394	0.394	0.00184	0.00553
beta-Pinene	0.0388	0.388	0.00114	0.00553
alpha-Pinene	0.0301	0.301	0.000464	0.00553
[+/-]-Borneol	0.0151	0.151	0.00214	0.0111
Z-beta-Ocimene	0.0122	0.122	0.00224	0.00553
E-beta-Ocimene	0.0120	0.120	0.00229	0.00553
Camphene	0.00777	0.0777	0.000610	0.00553
[+/-]-Fenchone	<LOQ	<LOQ	0.00122	0.0111
Terpinolene	0.00563	0.0563	0.000690	0.00553
gamma-Terpineol	ND	ND	0.000990	0.00553
Isopulegol	ND	ND	0.00268	0.00553
Nerol	ND	ND	0.00174	0.00553
Geraniol	ND	ND	0.00172	0.00553
Pulegone	ND	ND	0.00210	0.00553
Valencene	ND	ND	0.00146	0.00553
Z-Nerolidol	ND	ND	0.00150	0.00553
E-Nerolidol	ND	ND	0.00126	0.00553
Guaiol	ND	ND	0.00120	0.00553
alpha-Bisabolol	ND	ND	0.00205	0.00553
Eucalyptol	ND	ND	0.00168	0.00553
Sabinene	ND	ND	0.00188	0.00553
alpha-Phellandrene	ND	ND	0.000862	0.00553
Sabinene Hydrate	ND	ND	0.00185	0.00553
Isoborneol	ND	ND	0.00118	0.00553
Menthol	ND	ND	0.00184	0.00553
alpha-Cedrene	ND	ND	0.00168	0.00553
Geranyl Acetate	ND	ND	0.00260	0.00553
Cedrol	ND	ND	0.00225	0.00553
[+,-]-Camphor	ND	ND	0.00408	0.0166
delta-3-Carene	ND	ND	0.00180	0.00553
alpha-Terpinene	ND	ND	0.00169	0.00553
gamma-Terpinene	ND	ND	0.00125	0.00553
<b>Total Terpenes</b>	<b>2.01</b>	<b>20.1</b>		

## Heavy Metals

 **PASS**

**Date Started:** 06/19/2024  
**Instrument:** ICP-MS

**Date Completed:** 06/22/2024  
**Method:** TP-09.007.01

**Analyst:** Meagan Mattos  
**Deviation:** N/A

Heavy Metals	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Status
Arsenic	<LOQ	7.18	48.5	200	Pass
Cadmium	ND	4.31	48.5	200	Pass
Lead	<LOQ	3.96	48.5	500	Pass
Mercury	ND	3.46	24.3	100	Pass

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# Certificate of Analysis

## Microbial Impurities

✓ PASS

Date Started: 06/19/2024  
Instrument: TEMPO & Gene-Up

Date Completed: 06/22/2024  
Method: TP-09.010.01 & TP-09.011.01

Analyst: Meagan Mattos  
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: 06/19/2024  
Instrument: LC-MS/MS & GC-MS/MS

Date Completed: 06/20/2024  
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	0.497	3.00	10.0	Pass
Bifenthrin	ND	1.06	3.00	10.0	Pass
Cyfluthrin	ND	0.398	2.50	10.0	Pass
Etoxazole	ND	0.729	3.00	10.0	Pass
Imazalil	ND	0.749	3.00	10.0	Pass
Imidacloprid	ND	0.350	3.00	10.0	Pass
Myclobutanil	ND	0.823	3.00	10.0	Pass
Spiromesifen	ND	0.877	3.00	10.0	Pass
Trifloxystrobin	ND	0.463	3.00	10.0	Pass
Aflatoxin B1	ND	1.63	4.00		
Aflatoxin B2	ND	0.322	3.00		
Aflatoxin G1	ND	0.334	3.00		
Aflatoxin G2	ND	0.849	4.00		
Ochratoxin A	ND	0.927	3.00		
Total Mycotoxins	ND	0.322	3.00	20.0	Pass



Eric Steele, Lab Director  
06/22/2024

END OF REPORT