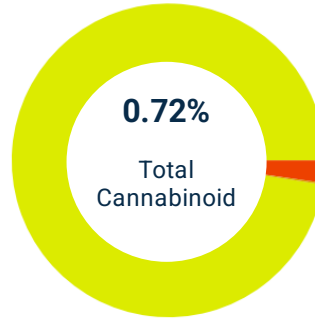


Certificate of Analysis



Client Name: Sugar Loaf Organics
Address: 237 Sugarloaf Heights Road Drums, PA 18222
Phone:
License Number:

Cannabinoid Distribution (%)



- Δ8-THC
- Δ9-THC
- THCA
- THCV
- CBD
- CBDA
- CBDV
- CBN
- CBG
- CBC
- CBGA
- THCVA
- CBCA
- CBLA
- CBDVA
- CBNA
- CBL



Sample ID: SAM-08172023-34582
Sample Name: GUMMY JAR 30 PC
Sample Matrix: Hemp
Sample Type: Other
Sample Date: 08/17/2023
Sampling Method:
 CRL_PA_SOP_SampleCollection
Sampling Technician: GREDI GRACARI
Client Batch ID: NA
Client Sample Size: 30 PC
Client State Tracking ID:
CRL Tracking ID: NA

Results Summary

Potency

08/20/2023

TESTED

Terpenes

08/20/2023

TESTED

Microbial Impurities (Qualitative)

08/20/2023



PASS

Microbial Impurities (Quantitative)

08/20/2023



PASS

Heavy Metals

08/20/2023



PASS

Residual Solvents

08/20/2023



PASS

Mycotoxins

08/20/2023



PASS

Foreign Material

08/20/2023



PASS



Coral Reef Labs
2632 N Rt 72
Jonestown, PA 17038
License #: 5954.01
Phone: 800-287-3729

Certificate of Analysis

Potency

Date Analyzed: 08/17/2023

Instrument: Vanquish UHPLC UV/PDA

Date Completed: 08/20/2023

Method: CRL_PA_SOP_LCUV

Calibration Date: 08-17-2023

Analyst: Miles Dean

Cannabinoid	Result (%)	Result (mg/g)	LOQ (mg/g)
Δ8-THC	ND	ND	1.00
Δ9-THC	ND	ND	1.00
THCA	ND	ND	1.00
THCV	ND	ND	1.00
CBD	0.72	7.23	1.00
CBDA	ND	ND	1.00
CBDV	<LOQ	<LOQ	1.00
CBN	ND	ND	1.00
CBG	<LOQ	<LOQ	1.00
CBC	ND	ND	1.00
CBGA	ND	ND	1.00
THCVA	ND	ND	1.00
CBCA	ND	ND	1.00
CBLA	ND	ND	1.00
CBDVA	ND	ND	1.00
CBNA	ND	ND	1.00
CBL	ND	ND	1.00
Total THC	ND	ND	-
Total CBD	0.72	7.23	-
Total Cannabinoids	0.72	7.23	-

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Terpenes

Date Analyzed: 08/17/2023
Instrument: ISQ-7000+

Date Completed: 08/20/2023
Method: CRL_PA_SOP_GCMS

Calibration Date: 08-17-2023
Analyst: Bhupendra Shah

Terpene	Result (%)	Result (mg/g)	Result (ug)	LOQ (ug)
α-Terpinene	ND	ND	ND	2
β-Caryophyllene	ND	ND	ND	2
β-myrcene	ND	ND	ND	2
β-Pinene	ND	ND	ND	2
Alpha-Bisabolol	ND	ND	ND	2
Camphene	ND	ND	ND	2
3-Carene	ND	ND	ND	2
Caryophyllene Oxide	ND	ND	ND	2
Eucalyptol	ND	ND	ND	2
Geraniol	ND	ND	ND	2
Guaiol	ND	ND	ND	2
Alpha-Humulene	ND	ND	ND	2
Isopulegol	ND	ND	ND	2
δ-Limonene	ND	ND	ND	2
Linalool	ND	ND	ND	2
Ocimene-1	ND	ND	ND	2
Ocimene-2	ND	ND	ND	2
P-Cymene	ND	ND	ND	2
α-Pinene	ND	ND	ND	2
Terpinolene	ND	ND	ND	2
Nerolidol-1	ND	ND	ND	2
Nerolidol-2	ND	ND	ND	2
γ-Terpinene	ND	ND	ND	2
α-Cedrene	ND	ND	ND	2
α-Phellandrene	ND	ND	ND	2
α-Terpineol	ND	ND	ND	2
(+)-Borneol	ND	ND	ND	2
Camphor	ND	ND	ND	2
Cedrol	ND	ND	ND	2
Fenchone	ND	ND	ND	2
Fenchyl	ND	ND	ND	2
Geranyl Acetate	ND	ND	ND	2
Hexahydrothymol	ND	ND	ND	2
Nerol	ND	ND	ND	2
Pulegone	ND	ND	ND	2
Sabinene	ND	ND	ND	2
Valencene	ND	ND	ND	2

Microbial Impurities (Qualitative)

 **PASS**

Date Analyzed: 08/17/2023
Instrument: qPCR/Culture Plating

Date Completed: 08/20/2023
Method: CRL_PA_SOP_MICRO/
 CRL_PA_SOP_MICRO-CP

Calibration Date: 08-17-2023
Analyst: Maya Jurasinski

Microbials (Qualitative)	Result	Limit	Status
E.coli	ND	1	Pass
Salmonella	ND	1	Pass

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Microbial Impurities (Quantitative)

✓ PASS

Date Analyzed: 08/17/2023 **Date Completed:** 08/20/2023 **Calibration Date:** 08-17-2023
Instrument: qPCR/Culture Plating **Method:** CRL_PA_SOP_MICRO/CRL_PA_SOP_MICRO-CP **Analyst:** Maya Jurasinski

Microbials (Quantitative)	Result (CFU/g)	Limit (CFU/g)	Status
Bile-Tolerant Gram-Negative Bacteria	ND	100	Pass
Yeast & Mold	ND	1000	Pass
Aerobic Bacteria	ND	10000	Pass

Heavy Metals

✓ PASS

Date Analyzed: 08/17/2023 **Date Completed:** 08/20/2023 **Calibration Date:** 08-16-2023
Instrument: ICAP-RQ **Method:** CRL_PA_SOP_ICPMS **Analyst:** Bhupendra Shah

Heavy Metals	Result (ppm)	LOQ (ppm)	Limit (ppm)	Status
Arsenic	ND	0.400	0.400	Pass
Cadmium	ND	0.300	0.300	Pass
Lead	ND	1.000	1.000	Pass
Mercury	ND	0.200	0.200	Pass

Residual Solvents

✓ PASS

Date Analyzed: 08/17/2023 **Date Completed:** 08/20/2023 **Calibration Date:** 08-17-2023
Instrument: ISQ-7000+ **Method:** CRL_PA_SOP_GCMS **Analyst:** Bhupendra Shah

Residual Solvent	Result (ppm)	LOQ (ppm)	Limit (ppm)	Status
Ethanol	ND	1000	5000	Pass
n-Butane	ND	1000	5000	Pass
n-Pentane	ND	-	-	ND

Mycotoxins

✓ PASS

Date Analyzed: 08/17/2023 **Date Completed:** 08/20/2023 **Calibration Date:** 08-17-2023
Instrument: Vanquish UHPLC and Quadrupole Orbitrap **Method:** CRL_PA_SOP_LCMS **Analyst:** Joanna Candelieri

Mycotoxins	Result (ppb)	LOQ (ppb)	Limit (ppb)	Status
B1	ND	2.0	5.0	Pass
B2	ND	2.0	20.0	Pass
G1	ND	2.0	20.0	Pass
G2	ND	2.0	20.0	Pass
Ochratoxin A	ND	2.0	20.0	Pass
Total Aflatoxins	ND	2.0	20.0	Pass

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Coral Reef Labs
 2632 N Rt 72
 Jonestown, PA 17038
 License #: 5954.01
 Phone: 800-287-3729

Certificate of Analysis

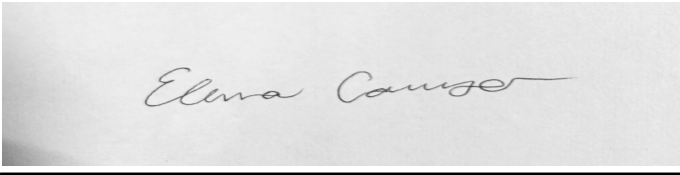
Foreign Material

PASS

Date Analyzed:	Date Completed: 08/20/2023	Analyst:
Instrument: Visual inspection	Method: CRL_PA_SOP_Homogenization	

Foreign Materials	Status
--------------------------	---------------

Foreign Materials Analysis	Pass
Comments:	



Elena Caruso
 Analyst
 08/20/2023

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