



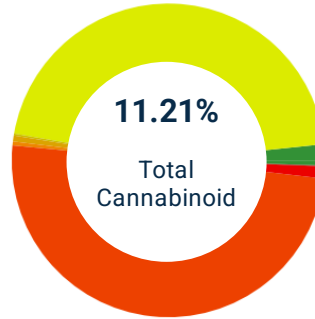
Coral Reef Labs
 2632 N Rt 72
 Jonestown, PA 17038
 License #: 5954.01
 Phone: 800-287-3729

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-09182023-35496
Sample Name: 092307-01 Revive Cooling Cream
Sample Matrix: Hemp
Sample Type: Other
Sample Date: 09/18/2023
Sampling Method: CRL_PA_SOP_SampleCollection
Sampling Technician: Gredi Gracari
Client Batch ID: NA
Client Sample Size: 4 OZ
Client State Tracking ID:
CRL Tracking ID: NA

Results Summary

Potency

09/21/2023

Microbial Impurities (Qualitative)

09/21/2023

Microbial Impurities (Quantitative)

09/21/2023

Heavy Metals

09/21/2023

Mycotoxins

09/21/2023

Foreign Material

09/21/2023

Pesticides

09/21/2023

TESTED



PASS



PASS



PASS



PASS



PASS



PASS

The product represented has been tested by Coral Reef Labs using analytical instrumentation with proven and validated scientific methodologies compliant with PA Department of Health guidelines. The results in this COA apply only to the lot sampled, tested and described herein as tracked by State of Pennsylvania MJ Freeway contract system. Coral Reef Labs makes no claims as to the efficacy and/or safety of the product represented herein. This Certificate of Analysis may not be reproduced except in full without the express written consent of Coral Reef Labs. This Certificate of Analysis expires one year from Issue Date. All quantitative measurements reported herein have a measurement uncertainty calculated internally at less than or equal to a 10% relative standard deviation, comprehensive of estimated errors from the Sampling SOP utilized.

Potency

Date Analyzed: 09/18/2023 **Date Completed:** 09/21/2023 **Calibration Date:** 09-18-2023
Instrument: Vanquish UHPLC UV/PDA **Method:** CRL_PA_SOP_LCUV **Analyst:** Joanna Candelieri

| Cannabinoid | Result (%) | Result (mg/g) | LOQ (mg/g) |
|--------------------|------------|---------------|------------|
| Δ8-THC | ND | ND | 1.00 |
| Δ9-THC | 0.19 | 1.89 | 1.00 |
| THCA | ND | ND | 1.00 |
| THCV | ND | ND | 1.00 |
| CBD | 5.21 | 52.07 | 1.00 |
| CBDA | <LOQ | <LOQ | 1.00 |
| CBDV | <LOQ | <LOQ | 1.00 |
| CBN | <LOQ | <LOQ | 1.00 |
| CBG | 5.67 | 56.70 | 1.00 |
| CBC | 0.14 | 1.44 | 1.00 |
| CBGA | <LOQ | <LOQ | 1.00 |
| THCVA | ND | ND | 1.00 |
| CBCA | ND | ND | 1.00 |
| CBLA | ND | ND | 1.00 |
| CBDVA | ND | ND | 1.00 |
| CBNA | <LOQ | <LOQ | 1.00 |
| CBL | ND | ND | 1.00 |
| Total THC | 0.19 | 1.89 | - |
| Total CBD | 5.21 | 52.07 | - |
| Total Cannabinoids | 11.21 | 112.11 | - |

Microbial Impurities (Qualitative)

 **PASS**

Date Analyzed: 09/18/2023 **Date Completed:** 09/21/2023 **Calibration Date:** 09-18-2023
Instrument: qPCR/Culture Plating **Method:** CRL_PA_SOP_MICRO/CRL_PA_SOP_MICRO-CP **Analyst:** Maya Jurasinski

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

Microbial Impurities (Quantitative)

 **PASS**

Date Analyzed: 09/18/2023 **Date Completed:** 09/21/2023 **Calibration Date:** 09-18-2023
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 |

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Certificate of Analysis

Heavy Metals

 **PASS**

Date Analyzed: 09/18/2023 | **Date Completed:** 09/21/2023 | **Calibration Date:** 09-18-2023
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 |

Mycotoxins

 **PASS**

Date Analyzed: 09/18/2023 | **Date Completed:** 09/21/2023 | **Calibration Date:** 09-18-2023
Instrument: Vanquish UHPLC and Quadrupole Orbitrap | **Method:** CRL_PA_SOP_LCMS | **Analyst:** Stanley Keyton

| 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 |

Foreign Material

 **PASS**

Date Analyzed: 09/18/2023 | **Date Completed:** 09/21/2023 | **Analyst:** Stanley Keyton
Instrument: Visual inspection | **Method:** CRL_PA_SOP_Homogenization

| Foreign Materials | Status |
|---|--------|
| Foreign Materials Analysis Comments: | Pass |

 **PASS**

Pesticides

Date Analyzed: 09/18/2023
Instrument: Vanquish UHPLC
 Quadrupole Orbitrap

Date Completed: 09/21/2023
Method: CRL_PA_SOP_LCMS

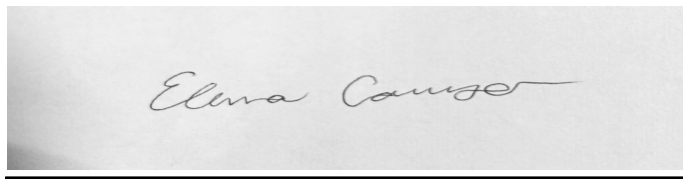
Calibration Date: 09-18-2023
Analyst: Stanley Keyton

| Pesticide | Result (ppm) | Result (ppb) | LOQ (ppb) | Limit (ppb) | Status |
|-----------------------|--------------|--------------|-----------|-------------|--------|
| Captan | ND | ND | 10.0 | 100.0 | Pass |
| Dimethomorph | ND | ND | 10.0 | 100.0 | Pass |
| Fenhexamid | ND | ND | 10.0 | 100.0 | Pass |
| Spinetoram | ND | ND | 10.0 | 100.0 | Pass |
| Abamectin | ND | ND | 10.0 | 100.0 | Pass |
| Acephate | ND | ND | 10.0 | 100.0 | Pass |
| Acequinocyl | ND | ND | 10.0 | 100.0 | Pass |
| Bifenazate | ND | ND | 10.0 | 100.0 | Pass |
| Bifenthrin | ND | ND | 10.0 | 100.0 | Pass |
| Cypermethrin | ND | ND | 10.0 | 100.0 | Pass |
| Cyfluthrin | ND | ND | 10.0 | 100.0 | Pass |
| Etoxazole | ND | ND | 10.0 | 100.0 | Pass |
| Flonicamid | ND | ND | 10.0 | 100.0 | Pass |
| Fludioxonil | ND | ND | 10.0 | 100.0 | Pass |
| Imidacloprid | ND | ND | 10.0 | 100.0 | Pass |
| Myclobutanil | ND | ND | 10.0 | 100.0 | Pass |
| Piperonyl butoxide | ND | ND | 10.0 | 100.0 | Pass |
| Spinosad | ND | ND | 10.0 | 100.0 | Pass |
| Spirotetramat | ND | ND | 10.0 | 100.0 | Pass |
| Thiamethoxam | ND | ND | 10.0 | 100.0 | Pass |
| Acetamiprid | ND | ND | 10.0 | 100.0 | Pass |
| Aldicarb | ND | ND | 10.0 | 100.0 | Pass |
| Azoxystrobin | ND | ND | 10.0 | 100.0 | Pass |
| Boscalid | ND | ND | 10.0 | 100.0 | Pass |
| Carbaryl | ND | ND | 10.0 | 100.0 | Pass |
| Carbofuran | ND | ND | 10.0 | 100.0 | Pass |
| Chlorantraniliprole | ND | ND | 10.0 | 100.0 | Pass |
| Chlorfenapyr | ND | ND | 10.0 | 100.0 | Pass |
| Chlorpyrifos | ND | ND | 10.0 | 100.0 | Pass |
| Clofentezine | ND | ND | 10.0 | 100.0 | Pass |
| Daminozide | ND | ND | 10.0 | 100.0 | Pass |
| DDVP (Dichlorvos) | ND | ND | 10.0 | 100.0 | Pass |
| Diazinon | ND | ND | 10.0 | 100.0 | Pass |
| Dimethoate | ND | ND | 10.0 | 100.0 | Pass |
| Ethoprophos (Prophos) | ND | ND | 10.0 | 100.0 | Pass |
| Etofenprox | ND | ND | 10.0 | 100.0 | Pass |
| Fenoxycarb | ND | ND | 10.0 | 100.0 | Pass |
| Fenpyroximate | ND | ND | 10.0 | 100.0 | Pass |
| Fipronil | ND | ND | 10.0 | 100.0 | Pass |
| Hexythiazox | ND | ND | 10.0 | 100.0 | Pass |
| Imazalil | ND | ND | 10.0 | 100.0 | Pass |
| Kresoxim-methyl | ND | ND | 10.0 | 100.0 | Pass |
| Malathion | ND | ND | 10.0 | 100.0 | Pass |
| Metalaxyl | ND | ND | 10.0 | 100.0 | Pass |
| Methiocarb | ND | ND | 10.0 | 100.0 | Pass |
| Methomyl | ND | ND | 10.0 | 100.0 | Pass |
| Methyl parathion | ND | ND | 10.0 | 100.0 | Pass |
| MGK 264 (TM) | ND | ND | 10.0 | 100.0 | Pass |
| Naled | ND | ND | 10.0 | 100.0 | Pass |
| Oxamyl | ND | ND | 10.0 | 100.0 | Pass |

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| Pesticide | Result (ppm) | Result (ppb) | LOQ (ppb) | Limit (ppb) | Status |
|-----------------|--------------|--------------|-----------|-------------|--------|
| Paclobutrazol | ND | ND | 10.0 | 100.0 | Pass |
| Permethrin | ND | ND | 10.0 | 100.0 | Pass |
| Phosmet | ND | ND | 10.0 | 100.0 | Pass |
| Prallethrin | ND | ND | 10.0 | 100.0 | Pass |
| Propiconazole | ND | ND | 10.0 | 100.0 | Pass |
| Propoxur | ND | ND | 10.0 | 100.0 | Pass |
| Pyridaben | ND | ND | 10.0 | 100.0 | Pass |
| Spiroxamine | ND | ND | 10.0 | 100.0 | Pass |
| Tebuconazole | ND | ND | 10.0 | 100.0 | Pass |
| Thiacloprid | ND | ND | 10.0 | 100.0 | Pass |
| Trifloxystrobin | ND | ND | 10.0 | 100.0 | Pass |
| Spiromesifen | ND | ND | 10.0 | 100.0 | Pass |



Elena Caruso
 Analyst
 09/21/2023

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