

# **Regulatory Compliance Testing**

# **CERTIFICATE OF ANALYSIS**

DATE ISSUED 06/02/2022 | OVERALL BATCH RESULT: PASS

#### SAMPLE NAME: Tropical Sorbet (1:1 CBD)

Concentrate, Product Inhalable

#### **CULTIVATOR / MANUFACTURER**

Business Name: Central Coast Ag

Products, LLC

License Number: CDPH-10003156 Address: 1201 West Chestnut Ave.

Lompoc CA 93436

#### SAMPLE DETAIL

Batch Number: 220000680 Sample ID: 220531L006 Source Metrc UID:

1A4060300002EE1000033710

#### **DISTRIBUTOR**

**Business Name: CENTRAL COAST AG** 

DISTRIBUTION, LLC

License Number: C11-0000496-LIC

Address: 1201 Chestnut St W

Lompoc CA 93436

**Date Collected:** 05/31/2022 Date Received: 06/01/2022 Batch Size: 1448.0 units Sample Size: 20.0 units Unit Mass: 1 grams per Unit

Serving Size:

Sampling Method: QSP 1265 - Sampling of Cannabis and Product Batches







Scan QR code to verify authenticity of results.

### CANNABINOID ANALYSIS - SUMMARY PASS

Sum of Cannabinoids: 86.27%

Total Cannabinoids: 86,27%

Total THC: 41.479%

Total CBD: 40.827%

Sum of Cannabinoids =  $\Delta^9$ -THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa +  $\Delta^8$ -THC + CBL + CBN Total Cannabinoids =  $(\Delta^9$ -THC+0.877\*THCa) + (CBD+0.877\*CBDa) + (CBG+0.877\*CBGa) + (THCV+0.877\*THCVa) + (CBC+0.877\*CBCa) + (CBDV+0.877\*CBDVa) +  $\Delta$ <sup>8</sup>-THC + CBL + CBN

Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:

Total THC =  $\Delta^9$ -THC + (THCa (0.877)) Total CBD = CBD + (CBDa (0.877))

### **TERPENOID ANALYSIS - SUMMARY**

39 TESTED, TOP 3 HIGHLIGHTED

Total Terpenoids: 7.3424%

Myrcene 21.774 mg/g

Limonene 20.236 mg/g



### **SAFETY ANALYSIS - SUMMARY**

Δ9-THC per Unit: 

PASS

Pesticides: PASS

Mycotoxins: PASS

Residual Solvents: PASS

Heavy Metals: PASS

Microbiology: PASS

Foreign Material: PASS

These results relate only to the sample included on this report.

This report shall not be reproduced, except in full, without written approval of the laboratory.

Sample Certification: California Code of Regulations Title 16 Effect Date January 16, 2019. Authority: Section 26013, Business and Professions Code. Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

Decision Rule: Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications, FAIL - Results exceed limits/specifications.

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT)

All LQC samples were performed and met the prescribed acceptance criteria in 4 CCR section 1730, as attested by:

Michael Pham Date: 06/02/2022 Approved by: Josh Wurzer, President te: 06/02/2022



## **Regulatory Compliance Testing**

# **CERTIFICATE OF ANALYSIS**



TROPICAL SORBET (1:1 CBD) | DATE ISSUED 06/02/2022 | OVERALL BATCH RESULT: 📝 PASS

## CANNABINOID TEST RESULTS - 06/02/2022 PASS



Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).  $\textbf{Method:} \ \, \text{QSP 1157 - Analysis of Cannabinoids by HPLC-DAD}$ 

TOTAL CANNABINOIDS: 86.27%

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) +  $\Delta^8$ -THC + CBL + CBN

TOTAL THC: 41.479% Total THC (Δ9-THC+0.877\*THCa)

TOTAL CBD: 40.827% Total CBD (CBD+0.877\*CBDa)

**TOTAL CBG: 2.555%** Total CBG (CBG+0.877\*CBGa)

**TOTAL THCV: 0.42%** 

Total THCV (THCV+0.877\*THCVa)

TOTAL CBC: 0.72% Total CBC (CBC+0.877\*CBCa)

TOTAL CBDV: 0.09% Total CBDV (CBDV+0.877\*CBDVa)

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COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
$\Delta^9$ -THC	0.06 / 0.26	±11.116	414.79	41.479
CBD	0.07/0.29	±14.698	408.27	40.827
CBG	0.06/0.19	±0.784	25.55	2.555
СВС	0.2 / 0.5	±0.16	7.2	0.72
THCV	0.1/0.2	±0.16	4.2	0.42
CBN	0.1/0.3	±0.09	1.8	0.18
CBDV	0.04 / 0.15	±0.031	0.90	0.090
$\Delta^8$ -THC	0.1/0.4	N/A	ND	ND
THCa	0.05 / 0.14	N/A	ND	ND
THCVa	0.07 / 0.20	N/A	ND	ND
CBDa	0.02/0.19	N/A	ND	ND
CBDVa	0.03 / 0.53	N/A	ND	ND
CBGa	0.1/0.2	N/A	ND	ND
CBL	0.06 / 0.24	N/A	ND	ND
CBCa	0.07 / 0.28	N/A	ND	ND
SUM OF CANNABINOIDS			862.7 mg/g	86.27%

### **UNIT MASS: 1 grams per Unit**

$\Delta^9$ -THC per Unit	1100 per-package limit	414.79 mg/unit	PASS
Total THC per Unit		414.79 mg/unit	
CBD per Unit		408.27 mg/unit	
Total CBD per Unit		408.27 mg/unit	
Sum of Cannabinoids per Unit		862.7 mg/unit	
Total Cannabinoids per Unit		862.7 mg/unit	

#### TERPENOID TEST RESULTS - 06/02/2022

Terpene analysis utilizing gas chromatography-flame ionization detection (GC-FID) Method: OSP 1192 - Analysis of Terpenoids by GC-FID

COMPOUND  Myrcene  Limonene $\beta$ -Caryophyllene $\alpha$ -Pinene  Terpinolene $\beta$ -Pinene $\alpha$ -Humulene	LOD/LOQ (mg/g) 0.008/0.025 0.005/0.016 0.004/0.012 0.005/0.017 0.008/0.026 0.004/0.014 0.009/0.029	### ### ##############################	RESULT (mg/g) 21.774 20.236 7.323 5.347 4.808	RESULT (%)  2.1774  2.0236  0.7323  0.5347
Limonene $\beta\text{-Caryophyllene}$ $\alpha\text{-Pinene}$ $\text{Terpinolene}$ $\beta\text{-Pinene}$	0.005/0.016 0.004/0.012 0.005/0.017 0.008/0.026 0.004/0.014 0.009/0.029	±0.2246 ±0.2028 ±0.0358 ±0.0764	20.236 7.323 5.347	2.0236 0.7323
β-Caryophyllene $α$ -Pinene Terpinolene $β$ -Pinene	0.004/0.012 0.005/0.017 0.008/0.026 0.004/0.014 0.009/0.029	±0.2028 ±0.0358 ±0.0764	7.323 5.347	0.7323
α-Pinene Terpinolene β-Pinene	0.005/0.017 0.008/0.026 0.004/0.014 0.009/0.029	±0.0358 ±0.0764	5.347	
Terpinolene β-Pinene	0.008 / 0.026 0.004 / 0.014 0.009 / 0.029	±0.0764		0.5347
β-Pinene	0.004/0.014		4.808	
	0.009/0.029	±0.0399		0.4808
α-Humulene			4.480	0.4480
	0.000 (0.001	±0.0435	1.739	0.1739
Terpineol	0.009/0.031	±0.0745	1.559	0.1559
β-Ocimene	0.006 / 0.020	±0.0378	1.510	0.1510
Fenchol	0.010 / 0.034	±0.0384	1.277	0.1277
Linalool	0.009/0.032	±0.0337	1.140	0.1140
trans-β-Farnesene	0.008 / 0.025	±0.0144	0.523	0.0523
Camphene	0.005 / 0.015	±0.0036	0.398	0.0398
Borneol	0.005 / 0.016	±0.0073	0.224	0.0224
α-Phellandrene	0.006 / 0.020	±0.0019	0.177	0.0177
α-Terpinene	0.005 / 0.017	±0.0016	0.141	0.0141
Fenchone	0.009 / 0.028	±0.0030	0.133	0.0133
$\Delta^3$ -Carene	0.005 / 0.018	±0.0014	0.123	0.0123
γ-Terpinene	0.006 / 0.018	±0.0014	0.107	0.0107
$\alpha$ -Bisabolol	0.008 / 0.026	±0.0044	0.105	0.0105
Valencene	0.009/0.030	±0.0039	0.073	0.0073
Caryophyllene Oxide	0.010 / 0.033	±0.0026	0.072	0.0072
Guaiol	0.009 / 0.030	±0.0021	0.057	0.0057
Sabinene Hydrate	0.006 / 0.022	±0.0011	0.035	0.0035
Sabinene	0.004 / 0.014	±0.0002	0.024	0.0024
p-Cymene	0.005 / 0.016	±0.0004	0.020	0.0020
Nerolidol	0.006 / 0.019	±0.0009	0.019	0.0019
Eucalyptol	0.006 / 0.018	N/A	ND	ND
Isopulegol	0.005 / 0.016	N/A	ND	ND
Camphor	0.006 / 0.019	N/A	ND	ND
Isoborneol	0.004 / 0.012	N/A	ND	ND
Menthol	0.008 / 0.025	N/A	ND	ND
Nerol	0.003 / 0.011	N/A	ND	ND
Citronellol	0.003 / 0.010	N/A	ND	ND
Pulegone	0.003 / 0.011	N/A	ND	ND
Geraniol	0.002 / 0.007	N/A	ND	ND
Geranyl Acetate	0.004 / 0.014	N/A	ND	ND
α-Cedrene	0.005 / 0.016	N/A	ND	ND
Cedrol	0.008 / 0.027	N/A	ND	ND
TOTAL TERPENC	DIDS		73.424 mg/g	7.3424%