

# **Regulatory Compliance Testing**

# **CERTIFICATE OF ANALYSIS**

DATE ISSUED 07/24/2022 | OVERALL BATCH RESULT: PASS

#### SAMPLE NAME: Lemon Cream Cake (1.5g)

Pre-roll Product, 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

Sample ID: 220722N010

#### **DISTRIBUTOR**

Business Name: CENTRAL COAST AG

DISTRIBUTION, LLC

License Number: C11-0000496-LIC

Address: 1201 Chestnut St W

Lompoc CA 93436





Batch Number: 220000975 Source Metrc UID:

1A4060300002EE1000037007

**Date Collected:** 07/22/2022 Date Received: 07/23/2022 Batch Size: 3994.0 units

Sample Size: 20.0 units

Unit Mass: 1.8003 grams per Unit Serving Size: 0.6001 grams per Serving

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: 44.2%

Total Cannabinoids: 38.82%

Total THC: 36.678%

Total CBD: 0.061%

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))

#### CALCULATED USING DRY-WEIGHT

Moisture: 10.6%

#### **TERPENOID ANALYSIS - SUMMARY**

39 TESTED, TOP 3 HIGHLIGHTED

Total Terpenoids: 1.8356%

 $\beta$ -Caryophyllene 6.149 mg/g

Limonene 2.412 mg/g

Myrcene 2.154 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

Water Activity: 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:

Approved by: Josh Wurzer, President te: 07/24/2022

Callie Stone Date: 07/24/2022



## **Regulatory Compliance Testing**

## **CERTIFICATE OF ANALYSIS**



LEMON CREAM CAKE (1.5G) | DATE ISSUED 07/24/2022 | OVERALL BATCH RESULT: 🕢 PASS

#### CANNABINOID TEST RESULTS - 07/24/2022 PASS

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

**TOTAL CANNABINOIDS: 38.82%** Total Cannabinoids (Total THC) + (Total CBD) +

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

TOTAL THC: 36.678% Total THC (Δ9-THC+0.877\*THCa)

**TOTAL CBD: 0.061%** Total CBD (CBD+0.877\*CBDa)

**TOTAL CBG: 1.42%** Total CBG (CBG+0.877\*CBGa)

**TOTAL THCV: 0.168%** Total THCV (THCV+0.877\*THCVa)

**TOTAL CBC: 0.498%** Total CBC (CBC+0.877\*CBCa)

TOTAL CBDV: ND Total CBDV (CBDV+0.877\*CBDVa)

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
THCa	0.05 / 0.14	±8.250	412.49	41.249
CBGa	0.1/0.2	±0.63	15.4	1.54
CBCa	0.07 / 0.28	±0.216	5.68	0.568
$\Delta^9$ -THC	0.06 / 0.26	±0.135	5.03	0.503
THCVa	0.07 / 0.20	±0.071	1.92	0.192
CBG	0.06 / 0.19	±0.022	0.73	0.073
CBDa	0.02/0.19	±0.016	0.70	0.070
$\Delta^8$ -THC	0.1 / 0.4	N/A	ND	ND
THCV	0.1 / 0.2	N/A	ND	ND
CBD	0.07 / 0.29	N/A	ND	ND
CBDV	0.04 / 0.15	N/A	ND	ND
CBDVa	0.03 / 0.53	N/A	ND	ND
CBL	0.06 / 0.24	N/A	ND	ND
CBN	0.1/0.3	N/A	ND	ND
СВС	0.2 / 0.5	N/A	ND	ND
SUM OF CANNABINOIDS		442.0 mg/g	44.2%	

#### UNIT MASS: 1.8003 grams per Unit / SERVING SIZE: 0.6001 grams per Serving

$\Delta^9$ -THC per Unit	1100 per-package limit	9.06 mg/unit	PASS
$\Delta^9$ -THC per Serving		3.02 mg/serving	
Total THC per Unit		660.31 mg/unit	
Total THC per Serving		220.10 mg/serving	
CBD per Unit		ND	
CBD per Serving		ND	
Total CBD per Unit		1.10 mg/unit	
Total CBD per Serving		0.37 mg/serving	
Sum of Cannabinoids per Unit		795.7 mg/unit	
Sum of Cannabinoids per Serving		265.2 mg/serving	
Total Cannabinoids per Unit		699.0 mg/unit	
Total Cannabinoids per Serving		233.0 mg/serving	

#### MOISTURE TEST RESULT

#### 10.6%

Tested 07/23/2022 Method: QSP 1224 -Loss on Drying (Moisture)

#### TERPENOID TEST RESULTS - 07/24/2022

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

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
β-Caryophyllene	0.004 / 0.012	±0.1703	6.149	0.6149
Limonene	0.005 / 0.016	±0.0268	2.412	0.2412
Myrcene	0.008 / 0.025	±0.0215	2.154	0.2154
Terpinolene	0.008 / 0.026	±0.0307	1.931	0.1931
α-Humulene	0.009 / 0.029	±0.0447	1.788	0.1788
Linalool	0.009 / 0.032	±0.0295	0.997	0.0997
α-Bisabolol	0.008 / 0.026	±0.0229	0.552	0.0552
$trans\text{-}\beta\text{-}Farnesene$	0.008 / 0.025	±0.0112	0.404	0.0404
Valencene	0.009 / 0.030	±0.0181	0.338	0.0338
β-Pinene	0.004 / 0.014	±0.0030	0.333	0.0333
Fenchol	0.010 / 0.034	±0.0094	0.311	0.0311
Terpineol	0.009/0.031	±0.0137	0.286	0.0286
α-Pinene	0.005 / 0.017	±0.0011	0.157	0.0157
Caryophyllene Oxide	0.010/0.033	±0.0052	0.144	0.0144
$\beta\text{-Ocimene}$	0.006 / 0.020	±0.0034	0.135	0.0135
Borneol	0.005 / 0.016	±0.0023	0.069	0.0069
$\gamma$ -Terpinene	0.006 / 0.018	±0.0006	0.046	0.0046
Geraniol	0.002 / 0.007	±0.0010	0.030	0.0030
Camphene	0.005 / 0.015	±0.0002	0.026	0.0026
$\alpha\text{-Phellandrene}$	0.006 / 0.020	±0.0003	0.026	0.0026
$\Delta^3$ -Carene	0.005 / 0.018	±0.0003	0.025	0.0025
$\alpha$ -Terpinene	0.005 / 0.017	±0.0003	0.024	0.0024
Citronellol	0.003 / 0.010	±0.0007	0.019	0.0019
Sabinene	0.004/0.014	N/A	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Eucalyptol	0.006 / 0.018	N/A	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Sabinene Hydrate	0.006 / 0.022	N/A	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Fenchone	0.009 / 0.028	N/A	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Nerol	0.003 / 0.011	N/A	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Geranyl Acetate	0.004/0.014	N/A	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
p-Cymene	0.005 / 0.016	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
Pulegone	0.003 / 0.011	N/A	ND	ND
α-Cedrene	0.005 / 0.016	N/A	ND	ND
Nerolidol	0.006 / 0.019	N/A	ND	ND
Guaiol	0.009 / 0.030	N/A	ND	ND
Cedrol	0.008 / 0.027	N/A	ND	ND
TOTAL TERPEN	OIDS		18.356 mg/g	1.8356%