

# **Regulatory Compliance Testing**

# CERTIFICATE OF ANALYSIS

DATE ISSUED 05/20/2022 | OVERALL BATCH RESULT: PASS

## SAMPLE NAME: Raspberry Cupcake (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

Batch Number: 220000624 Sample ID: 220518M007

Source Metrc UID:

1A4060300002EE1000033048

#### **DISTRIBUTOR**

**Business Name: CENTRAL COAST AG** 

DISTRIBUTION, LLC

License Number: C11-0000496-LIC

Address: 1201 Chestnut St W

Lompoc CA 93436

**Date Collected:** 05/18/2022 Date Received: 05/19/2022 Batch Size: 3762.0 units Sample Size: 20.0 units

Unit Mass: 1.7654 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: 41.54%

Total Cannabinoids: 36,47%

Total THC: 34.775%

Total CBD: 0.07%

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: 10.0%

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

39 TESTED, TOP 3 HIGHLIGHTED

Approved by: Josh Wurzer, President

Total Terpenoids: 1.7763%

 $\beta$ -Caryophyllene 5.656 mg/g

Limonene 3.927 mg/g

Myrcene 2.057 mg/g

## **SAFETY ANALYSIS - SUMMARY**

 $\Delta^9$ -THC per Unit:  $\bigcirc$  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:

ate: 05/20/2022

Michael Pham Date: 05/20/2022



# **Regulatory Compliance Testing**

# **CERTIFICATE OF ANALYSIS**



RASPBERRY CUPCAKE (1.5G) | DATE ISSUED 05/20/2022 | OVERALL BATCH RESULT: OPENS

# CANNABINOID TEST RESULTS - 05/19/2022 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: 36.47%** 

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

**TOTAL THC: 34.775%** Total THC (Δ9-THC+0.877\*THCa)

**TOTAL CBD: 0.07%** Total CBD (CBD+0.877\*CBDa) **TOTAL CBG: 1.06%** Total CBG (CBG+0.877\*CBGa)

TOTAL THCV: 0.16% Total THCV (THCV+0.877\*THCVa)

**TOTAL CBC: 0.405%** 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	±7.863	393.13	39.313
CBGa	0.1/0.2	±0.49	12.1	1.21
CBCa	0.07 / 0.28	±0.176	4.62	0.462
$\Delta^9$ -THC	0.06 / 0.26	±0.080	2.97	0.297
THCVa	0.07 / 0.20	±0.068	1.83	0.183
CBDa	0.02/0.19	±0.018	0.80	0.080
$\Delta^8$ -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
CBG	0.06/0.19	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		415.4 mg/g	41.54%	

## UNIT MASS: 1.7654 grams per Unit

$\Delta^9$ -THC per Unit	1100 per-package limit	5.24 mg/unit	PASS
Total THC per Unit		613.92 mg/unit	
CBD per Unit		ND	
Total CBD per Unit		1.24 mg/unit	
Sum of Cannabinoids per Unit		733.3 mg/unit	
Total Cannabinoids per Unit		643.8 mg/unit	

## MOISTURE TEST RESULT

10.0% Tested 05/19/2022 Method: QSP 1224 -Loss on Drying (Moisture)

#### TERPENOID TEST RESULTS - 05/20/2022

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

FID). <b>Method:</b> QSP 1192 - Analysis of Terpenoids by GC-FID						
COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)		
$\beta\text{-Caryophyllene}$	0.004/0.012	±0.1567	5.656	0.5656		
Limonene	0.005 / 0.016	±0.0436	3.927	0.3927		
Myrcene	0.008 / 0.025	±0.0206	2.057	0.2057		
$\alpha\text{-Humulene}$	0.009/0.029	±0.0423	1.691	0.1691		
Linalool	0.009 / 0.032	±0.0393	1.327	0.1327		
Fenchol	0.010 / 0.034	±0.0140	0.466	0.0466		
$\beta\text{-Ocimene}$	0.006 / 0.020	±0.0106	0.425	0.0425		
β-Pinene	0.004 / 0.014	±0.0034	0.382	0.0382		
Terpineol	0.009/0.031	±0.0176	0.368	0.0368		
trans-β-Farnesene	0.008 / 0.025	±0.0096	0.349	0.0349		
α-Bisabolol	0.008 / 0.026	±0.0143	0.345	0.0345		
Terpinolene	0.008 / 0.026	±0.0031	0.193	0.0193		
α-Pinene	0.005 / 0.017	±0.0012	0.181	0.0181		
Caryophyllene Oxide	0.010 / 0.033	±0.0038	0.107	0.0107		
Borneol	0.005 / 0.016	±0.0027	0.082	0.0082		
Fenchone	0.009 / 0.028	±0.0014	0.062	0.0062		
Geraniol	0.002 / 0.007	±0.0016	0.048	0.0048		
Camphene	0.005 / 0.015	±0.0004	0.039	0.0039		
Valencene	0.009 / 0.030	±0.0016	0.030	0.0030		
Citronellol	0.003 / 0.010	±0.0011	0.028	0.0028		
γ-Terpinene	0.006 / 0.018	N/A	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>		
Sabinene	0.004 / 0.014	N/A	ND	ND		
α-Phellandrene	0.006 / 0.020	N/A	ND	ND		
$\Delta^3$ -Carene	0.005 / 0.018	N/A	ND	ND		
α-Terpinene	0.005 / 0.017	N/A	ND	ND		
p-Cymene	0.005 / 0.016	N/A	ND	ND		
Eucalyptol	0.006 / 0.018	N/A	ND	ND		
Sabinene Hydrate	0.006 / 0.022	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		
Pulegone	0.003 / 0.011	N/A	ND	ND		
Geranyl Acetate	0.004 / 0.014	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		17.763 mg/g	1.7763%		