

# **Regulatory Compliance Testing**

# **CERTIFICATE OF ANALYSIS**

DATE ISSUED 08/21/2022 | OVERALL BATCH RESULT: PASS

## SAMPLE NAME: Raspberry Strudel (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: 220001073 Sample ID: 220819M004

Source Metrc UID:

1A4060300002EE1000038677

#### **DISTRIBUTOR**

**Business Name: CENTRAL COAST AG** 

DISTRIBUTION, LLC

License Number: C11-0000496-LIC

Address: 1201 Chestnut St W

Lompoc CA 93436

**Date Collected:** 08/19/2022 Date Received: 08/20/2022 Batch Size: 3414.0 units Sample Size: 20.0 units

Unit Mass: 1.7955 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: 40.44%

Total Cannabinoids: 35.50%

Total THC: 33.869%

Total CBD: 0.058%

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: 8.2%

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

39 TESTED, TOP 3 HIGHLIGHTED

Approved by: Josh Wurzer, President

Total Terpenoids: 1.7155%

 $\beta$ -Caryophyllene 6.616 mg/g

Limonene 2.656 mg/g

a-Humulene 1.824 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 4 Division 19. Department of Cannabis Control 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:

te: 08/21/2022

Callie Stone

Date: 08/21/2022



## **Regulatory Compliance Testing**

## **CERTIFICATE OF ANALYSIS**



RASPBERRY STRUDEL (1.5G) | DATE ISSUED 08/21/2022 | OVERALL BATCH RESULT: 📝 PASS

## CANNABINOID TEST RESULTS - 08/21/2022 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: 35.50%

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

TOTAL THC: 33.869% Total THC (Δ9-THC+0.877\*THCa)

TOTAL CBD: 0.058%

Total CBD (CBD+0.877\*CBDa)

**TOTAL CBG: 1.19%** Total CBG (CBG+0.877\*CBGa)

**TOTAL THCV: 0.178%** Total THCV (THCV+0.877\*THCVa)

**TOTAL CBC: 0.201%** 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	±7.678	383.91	38.391
CBGa	0.1/0.2	±0.53	13.1	1.31
CBCa	0.07 / 0.28	±0.087	2.29	0.229
THCVa	0.07 / 0.20	±0.075	2.03	0.203
Δ <sup>9</sup> -THC	0.06 / 0.26	±0.054	2.00	0.200
CBDa	0.02/0.19	±0.015	0.66	0.066
CBG	0.06 / 0.19	±0.012	0.38	0.038
$\Delta^8$ -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			404.4 mg/g	40.44%

## UNIT MASS: 1.7955 grams per Unit

$\Delta^9$ -THC per Unit	1100 per-package limit	3.59 mg/unit	PASS
Total THC per Unit		608.12 mg/unit	
CBD per Unit		ND	
Total CBD per Unit		1.04 mg/unit	
Sum of Cannabinoids per Unit		726.1 mg/unit	
Total Cannabinoids per Unit		637.4 mg/unit	

## MOISTURE TEST RESULT

8.2% Tested 08/20/2022 Method: QSP 1224 -Loss on Drying (Moisture)

#### TERPENOID TEST RESULTS - 08/21/2022

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

FID). <b>Method:</b> QSP 1	192 - Analysis of Tel	rpenolas by GC-FID		
COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
$\beta\text{-Caryophyllene}$	0.004/0.012	±0.1833	6.616	0.6616
Limonene	0.005 / 0.016	±0.0295	2.656	0.2656
$\alpha$ -Humulene	0.009/0.029	±0.0456	1.824	0.1824
$\alpha\text{-Bisabolol}$	0.008 / 0.026	±0.0476	1.147	0.1147
Linalool	0.009/0.032	±0.0242	0.816	0.0816
Myrcene	0.008 / 0.025	±0.0066	0.656	0.0656
trans-β-Farnesene	0.008 / 0.025	±0.0147	0.531	0.0531
Fenchol	0.010 / 0.034	±0.0152	0.505	0.0505
Valencene	0.009/0.030	±0.0262	0.488	0.0488
Terpineol	0.009/0.031	±0.0226	0.473	0.0473
Caryophyllene Oxide	0.010 / 0.033	±0.0127	0.354	0.0354
β-Ocimene	0.006 / 0.020	±0.0069	0.277	0.0277
β-Pinene	0.004 / 0.014	±0.0023	0.255	0.0255
Terpinolene	0.008 / 0.026	±0.0027	0.168	0.0168
Borneol	0.005 / 0.016	±0.0042	0.127	0.0127
α-Pinene	0.005 / 0.017	±0.0007	0.104	0.0104
Fenchone	0.009 / 0.028	±0.0019	0.085	0.0085
Citronellol	0.003 / 0.010	±0.0014	0.036	0.0036
Camphene	0.005 / 0.015	±0.0002	0.023	0.0023
Geraniol	0.002 / 0.007	±0.0005	0.014	0.0014
Sabinene Hydrate	0.006 / 0.022	N/A	<loq< td=""><td><l0q< td=""></l0q<></td></loq<>	<l0q< td=""></l0q<>
Nerol	0.003/0.011	N/A	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Nerolidol	0.006/0.019	N/A	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Guaiol	0.009/0.030	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
γ-Terpinene	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
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
Cedrol	0.008 / 0.027	N/A	ND	ND
TOTAL TERPEN	OIDS		17.155 mg/g	1.7155%