

# **Regulatory Compliance Testing**

# **CERTIFICATE OF ANALYSIS**

DATE ISSUED 07/27/2022 | OVERALL BATCH RESULT: PASS

#### SAMPLE NAME: Passionberry (1g)

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: 220000931 Sample ID: 220725M008

Source Metrc UID:

1A4060300002EE1000036922

#### **DISTRIBUTOR**

**Business Name: CENTRAL COAST AG** 

DISTRIBUTION, LLC

License Number: C11-0000496-LIC

Address: 1201 Chestnut St W

Lompoc CA 93436

**Date Collected:** 07/25/2022 Date Received: 07/26/2022 Batch Size: 1517.0 units Sample Size: 13.0 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: 82.74%

Total Cannabinoids: 72.86%

Total THC: 67.071%

Total CBD: 0.177%

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: 6.6646%

 $\beta$ -Caryophyllene 25.511 mg/g

 $\alpha$ -Humulene 8.178 mg/g

Myrcene 7.632 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: 07/27/2022

Approved by: Josh Wurzer, President te: 07/27/2022



# **Regulatory Compliance Testing**

# **CERTIFICATE OF ANALYSIS**



PASSIONBERRY (1G) | DATE ISSUED 07/27/2022 | OVERALL BATCH RESULT: | PASS

## CANNABINOID TEST RESULTS - 07/27/2022 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: 72.86%

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

TOTAL THC: 67.071% Total THC (Δ9-THC+0.877\*THCa)

**TOTAL CBD: 0.177%** Total CBD (CBD+0.877\*CBDa)

**TOTAL CBG: 3.35%** Total CBG (CBG+0.877\*CBGa)

**TOTAL THCV: 1.679%** Total THCV (THCV+0.877\*THCVa)

TOTAL CBC: 0.582%

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	±14.810	740.50	74.050
CBGa	0.1/0.2	±1.43	35.1	3.51
$\Delta^9$ -THC	0.06 / 0.26	±0.571	21.29	2.129
THCVa	0.07 / 0.20	±0.710	19.14	1.914
CBCa	0.07 / 0.28	±0.253	6.64	0.664
CBG	0.06 / 0.19	±0.084	2.75	0.275
CBDa	0.02/0.19	±0.046	2.02	0.202
$\Delta^8$ -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			827.4 mg/g	82.74%

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

$\Delta^9$ -THC per Unit	1100 per-package limit	21.29 mg/unit	PASS
Total THC per Unit		670.71 mg/unit	
CBD per Unit		ND	
Total CBD per Unit		1.77 mg/unit	
Sum of Cannabinoids per Unit		827.4 mg/unit	
Total Cannabinoids per Unit		728.6 mg/unit	

#### TERPENOID TEST RESULTS - 07/27/2022

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

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COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
$\beta\text{-Caryophyllene}$	0.004/0.012	±0.7067	25.511	2.5511
α-Humulene	0.009/0.029	±0.2044	8.178	0.8178
Myrcene	0.008 / 0.025	±0.0763	7.632	0.7632
Limonene	0.005 / 0.016	±0.0824	7.426	0.7426
$\alpha$ -Bisabolol	0.008 / 0.026	±0.1920	4.626	0.4626
Linalool	0.009/0.032	±0.1135	3.835	0.3835
trans-β-Farnesene	0.008 / 0.025	±0.0507	1.838	0.1838
Terpinolene	0.008 / 0.026	±0.0238	1.497	0.1497
Terpineol	0.009/0.031	±0.0655	1.371	0.1371
Fenchol	0.010 / 0.034	±0.0352	1.171	0.1171
β-Pinene	0.004/0.014	±0.0074	0.831	0.0831
Caryophyllene Oxide	0.010 / 0.033	±0.0263	0.735	0.0735
Borneol	0.005 / 0.016	±0.0120	0.367	0.0367
$\alpha$ -Pinene	0.005 / 0.017	±0.0025	0.366	0.0366
Geraniol	0.002 / 0.007	±0.0117	0.340	0.0340
Valencene	0.009/0.030	±0.0141	0.263	0.0263
Camphene	0.005 / 0.015	±0.0021	0.234	0.0234
Fenchone	0.009 / 0.028	±0.0026	0.114	0.0114
β-Ocimene	0.006 / 0.020	±0.0017	0.067	0.0067
Nerol	0.003 / 0.011	±0.0023	0.067	0.0067
α-Terpinene	0.005 / 0.017	±0.0007	0.062	0.0062
γ-Terpinene	0.006 / 0.018	±0.0007	0.053	0.0053
Sabinene Hydrate	0.006 / 0.022	±0.0011	0.037	0.0037
α-Phellandrene	0.006 / 0.020	±0.0003	0.025	0.0025
$\Delta^3$ -Carene	0.005 / 0.018	N/A	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
p-Cymene	0.005 / 0.016	N/A	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Sabinene	0.004 / 0.014	N/A	ND	ND
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
Citronellol	0.003 / 0.010	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		66.646 mg/g	6.6646%