

# **Regulatory Compliance Testing**

# **CERTIFICATE OF ANALYSIS**

DATE ISSUED 09/04/2022 | OVERALL BATCH RESULT: PASS

### SAMPLE NAME: Galactic Punch (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: 220001105 Sample ID: 220902M003

Source Metrc UID:

1A4060300002EE1000039501

#### **DISTRIBUTOR**

**Business Name: CENTRAL COAST AG** 

DISTRIBUTION, LLC

License Number: C11-0000496-LIC

Address: 1201 Chestnut St W

Lompoc CA 93436

Date Collected: 09/02/2022 Date Received: 09/03/2022 Batch Size: 4942.0 units Sample Size: 20.0 units

Unit Mass: 1.7785 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: 44.83%

Total Cannabinoids: 39.36%

Total THC: 37.343%

Total CBD: 0.077%

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: 9.8%

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

39 TESTED, TOP 3 HIGHLIGHTED

Total Terpenoids: 1.3403%

 $\beta$ -Caryophyllene 4.569 mg/g

Limonene 2.666 mg/g

 $\alpha$ -Humulene 1.305 mg/g

## **SAFETY ANALYSIS - SUMMARY**

Δ9-THC per Unit: **PASS** 

Pesticides: PASS

Mycotoxins: PASS

Residual Solvents: PASS Foreign Material: PASS

Heavy Metals: PASS

Microbiology: 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:

Approved by: Josh Wurzer, President te: 09/04/2022

Maria Garcia Date: 09/04/2022



# **Regulatory Compliance Testing**

## **CERTIFICATE OF ANALYSIS**



Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD). Calculated using Dry-Weight. **Method:** QSP 1157 - Analysis of Cannabinoids by

TOTAL CANNABINOIDS: 39.36%

CANNABINOID TEST RESULTS - 09/04/2022 PASS

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

**TOTAL THC: 37.343%** Total THC (Δ<sup>9</sup>-THC+0.877\*THCa)

TOTAL CBD: 0.077% Total CBD (CBD+0.877\*CBDa) TOTAL CBG: 1.09% Total CBG (CBG+0.877\*CBGa)

TOTAL THCV: 0.20% Total THCV (THCV+0.877\*THCVa)

TOTAL CBC: 0.655% 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	±8.447	422.33	42.233
CBGa	0.1/0.2	±0.44	10.9	1.09
CBCa	0.07 / 0.28	±0.285	7.47	0.747
Δ <sup>9</sup> -THC	0.06 / 0.26	±0.082	3.05	0.305
THCVa	0.07 / 0.20	±0.085	2.28	0.228
CBG	0.06 / 0.19	±0.043	1.39	0.139
CBDa	0.02 / 0.19	±0.020	0.88	0.088
$\Delta^8$ -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			448.3 mg/g	44.83%

## UNIT MASS: 1.7785 grams per Unit

$\Delta^9$ -THC per Unit	1100 per-package limit	5.42 mg/unit	PASS
Total THC per Unit		664.15 mg/unit	
CBD per Unit		ND	
Total CBD per Unit		1.37 mg/unit	
Sum of Cannabinoids per Unit		797.3 mg/unit	
Total Cannabinoids per Unit		700.1 mg/unit	

### MOISTURE TEST RESULT

9.8% Tested 09/03/2022 Method: QSP 1224 -Loss on Drying (Moisture)

#### TERPENOID TEST RESULTS - 09/04/2022

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

FID). Method: QSP 1	172 - Allalysis of Tel	periolas by ac-1 ib		
COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
β-Caryophyllene	0.004 / 0.012	±0.1266	4.569	0.4569
Limonene	0.005 / 0.016	±0.0296	2.666	0.2666
$\alpha$ -Humulene	0.009/0.029	±0.0326	1.305	0.1305
Linalool	0.009/0.032	±0.0341	1.153	0.1153
Myrcene	0.008 / 0.025	±0.0087	0.870	0.0870
$\alpha$ -Bisabolol	0.008 / 0.026	±0.0226	0.544	0.0544
trans-β-Farnesene	0.008 / 0.025	±0.0141	0.511	0.0511
β-Pinene	0.004 / 0.014	±0.0030	0.334	0.0334
Fenchol	0.010 / 0.034	±0.0098	0.325	0.0325
Terpineol	0.009 / 0.031	±0.0148	0.310	0.0310
β-Ocimene	0.006 / 0.020	±0.0039	0.156	0.0156
α-Pinene	0.005 / 0.017	±0.0010	0.154	0.0154
Terpinolene	0.008 / 0.026	±0.0023	0.144	0.0144
Caryophyllene Oxide	0.010 / 0.033	±0.0043	0.121	0.0121
Borneol	0.005 / 0.016	±0.0024	0.074	0.0074
Valencene	0.009/0.030	±0.0023	0.043	0.0043
Fenchone	0.009/0.028	±0.0009	0.042	0.0042
Camphene	0.005 / 0.015	±0.0003	0.038	0.0038
Nerolidol	0.006/0.019	±0.0014	0.029	0.0029
Citronellol	0.003 / 0.010	±0.0006	0.015	0.0015
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<>
Nerol	0.003/0.011	N/A	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Geraniol	0.002 / 0.007	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
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
Guaiol	0.009/0.030	N/A	ND	ND
Cedrol	0.008 / 0.027	N/A	ND	ND
TOTAL TERPEN	OIDS		13.403 mg/g	1.3403%