

**SAMPLE NAME: Galactic Bear (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

**DISTRIBUTOR**

**Business Name:** CENTRAL COAST AG DISTRIBUTION, LLC

**License Number:** C11-0000496-LIC

**Address:** 1201 Chestnut St W Lompoc CA 93436



**SAMPLE DETAIL**

**Batch Number:** 220001253

**Sample ID:** 220921M039

**Source Metrc UID:**  
1A4060300002EE1000040521

**Date Collected:** 09/21/2022

**Date Received:** 09/22/2022

**Batch Size:** 4292.0 units

**Sample Size:** 20.0 units

**Unit Mass:** 1.7677 grams per Unit

**Serving Size:**



Scan QR code to verify authenticity of results.

**Sampling Method:** QSP 1265 - Sampling of Cannabis and Product Batches

**CANNABINOID ANALYSIS - SUMMARY** ✔ PASS

CALCULATED USING DRY-WEIGHT

**Sum of Cannabinoids: 43.55%**

**Total Cannabinoids: 38.24%**

**Total THC: 36.379%**

**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) +  $\Delta^8$ -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))

**Moisture: 9.6%**

**TERPENOID ANALYSIS - SUMMARY**

39 TESTED, TOP 3 HIGHLIGHTED

**Total Terpenoids: 1.5664%**



**SAFETY ANALYSIS - SUMMARY**

$\Delta^9$ -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:  
 Michael Pham  
 Date: 09/23/2022

  
 Approved by: Josh Wurzer, President  
 Date: 09/23/2022



**CANNABINOID TEST RESULTS** - 09/23/2022 ✔ PASS

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

**TOTAL CANNABINOIDS: 38.24%**

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ<sup>9</sup>-THC + CBL + CBN

**TOTAL THC: 36.379%**

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

**TOTAL CBD: 0.077%**

Total CBD (CBD+0.877\*CBDa)

**TOTAL CBG: 0.96%**

Total CBG (CBG+0.877\*CBGa)

**TOTAL THCV: 0.195%**

Total THCV (THCV+0.877\*THCVa)

**TOTAL CBC: 0.627%**

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	±8.232	411.60	41.160
CBGa	0.1 / 0.2	±0.39	9.6	0.96
CBCa	0.07 / 0.28	±0.272	7.15	0.715
Δ <sup>9</sup> -THC	0.06 / 0.26	±0.076	2.82	0.282
THCVa	0.07 / 0.20	±0.082	2.22	0.222
CBG	0.06 / 0.19	±0.038	1.23	0.123
CBDa	0.02 / 0.19	±0.020	0.88	0.088
Δ <sup>8</sup> -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
CBC	0.2 / 0.5	N/A	ND	ND
<b>SUM OF CANNABINOIDS</b>			<b>435.5 mg/g</b>	<b>43.55%</b>

**UNIT MASS: 1.7677 grams per Unit**

Δ <sup>9</sup> -THC per Unit	1100 per-package limit	4.98 mg/unit	PASS
Total THC per Unit		643.07 mg/unit	
CBD per Unit		ND	
Total CBD per Unit		1.36 mg/unit	
Sum of Cannabinoids per Unit		769.8 mg/unit	
Total Cannabinoids per Unit		676.0 mg/unit	

**MOISTURE TEST RESULT**

**9.6%**

Tested 09/22/2022  
 Method: QSP 1224 -  
 Loss on Drying (Moisture)

**TERPENOID TEST RESULTS** - 09/23/2022

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	±0.1180	4.260	0.4260
Myrcene	0.008 / 0.025	±0.0256	2.564	0.2564
Limonene	0.005 / 0.016	±0.0233	2.100	0.2100
Linalool	0.009 / 0.032	±0.0433	1.463	0.1463
α-Humulene	0.009 / 0.029	±0.0334	1.338	0.1338
α-Bisabolol	0.008 / 0.026	±0.0318	0.767	0.0767
Terpineol	0.009 / 0.031	±0.0263	0.551	0.0551
trans-β-Farnesene	0.008 / 0.025	±0.0146	0.528	0.0528
β-Ocimene	0.006 / 0.020	±0.0110	0.440	0.0440
Fenchol	0.010 / 0.034	±0.0110	0.365	0.0365
β-Pinene	0.004 / 0.014	±0.0025	0.282	0.0282
Nerolidol	0.006 / 0.019	±0.0086	0.175	0.0175
Guaiol	0.009 / 0.030	±0.0057	0.156	0.0156
Terpinolene	0.008 / 0.026	±0.0024	0.148	0.0148
Caryophyllene Oxide	0.010 / 0.033	±0.0049	0.136	0.0136
α-Pinene	0.005 / 0.017	±0.0008	0.121	0.0121
Borneol	0.005 / 0.016	±0.0032	0.099	0.0099
Valencene	0.009 / 0.030	±0.0039	0.072	0.0072
Fenchone	0.009 / 0.028	±0.0008	0.037	0.0037
Camphene	0.005 / 0.015	±0.0003	0.031	0.0031
Citronellol	0.003 / 0.010	±0.0009	0.023	0.0023
Geraniol	0.002 / 0.007	±0.0003	0.008	0.0008
Eucalyptol	0.006 / 0.018	N/A	<LOQ	<LOQ
Sabinene Hydrate	0.006 / 0.022	N/A	<LOQ	<LOQ
Nerol	0.003 / 0.011	N/A	<LOQ	<LOQ
Sabinene	0.004 / 0.014	N/A	ND	ND
α-Phellandrene	0.006 / 0.020	N/A	ND	ND
Δ <sup>3</sup> -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
Cedrol	0.008 / 0.027	N/A	ND	ND
<b>TOTAL TERPENOIDS</b>			<b>15.664 mg/g</b>	<b>1.5664%</b>