

# **Regulatory Compliance Testing**

# **CERTIFICATE OF ANALYSIS**

DATE ISSUED 04/27/2022 | OVERALL BATCH RESULT: PASS

#### SAMPLE NAME: Cookies N Punch (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: 220000520 Sample ID: 220425M008

Source Metrc UID:

1A4060300002EE1000031549

#### **DISTRIBUTOR**

**Business Name: CENTRAL COAST AG** 

DISTRIBUTION, LLC

License Number: C11-0000496-LIC

Address: 1201 Chestnut St W

Lompoc CA 93436

Date Collected: 04/25/2022 Date Received: 04/26/2022 Batch Size: 4350.0 units Sample Size: 20.0 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: 89.63%

Total Cannabinoids: 78.75%

Total THC: 72.722%

Total CBD: 0.169%

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: 9.2673%

 $\beta$ -Caryophyllene 23.920 mg/g

Limonene 20.480 mg/g

Myrcene 13.466 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

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:

Approved by: Josh Wurzer, President ate: 04/27/2022

Callie Stone Date: 04/27/2022



# **Regulatory Compliance Testing**

## **CERTIFICATE OF ANALYSIS**



COOKIES N PUNCH (1G) | DATE ISSUED 04/27/2022 | OVERALL BATCH RESULT: O PASS

## CANNABINOID TEST RESULTS - 04/27/2022 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: 78.75%

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

**TOTAL THC: 72.722%** Total THC (Δ9-THC+0.877\*THCa)

**TOTAL CBD: 0.169%** Total CBD (CBD+0.877\*CBDa)

**TOTAL CBG: 4.16%** 

Total CBG (CBG+0.877\*CBGa)

**TOTAL THCV: 0.409%** Total THCV (THCV+0.877\*THCVa)

**TOTAL CBC: 1.288%** 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	±16.392	819.61	81.961
CBGa	0.1/0.2	±1.79	44.0	4.40
CBCa	0.07 / 0.28	±0.560	14.69	1.469
$\Delta^9$ -THC	0.06 / 0.26	±0.226	8.42	0.842
THCVa	0.07 / 0.20	±0.173	4.66	0.466
CBG	0.06 / 0.19	±0.092	3.00	0.300
CBDa	0.02/0.19	±0.044	1.93	0.193
$\Delta^8$ -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		896.3 mg/g	89.63%	

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

$\Delta^9$ -THC per Unit	1100 per-package limit	8.42 mg/unit	PASS
Total THC per Unit		727.22 mg/unit	
CBD per Unit		ND	
Total CBD per Unit		1.69 mg/unit	
Sum of Cannabinoids per Unit		896.3 mg/unit	
Total Cannabinoids per Unit		787.5 mg/unit	

#### TERPENOID TEST RESULTS - 04/27/2022

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	±0.6626	23.920	2.3920
Limonene	0.005 / 0.016	±0.2273	20.480	2.0480
Myrcene	0.008 / 0.025	±0.1347	13.466	1.3466
trans-β-Farnesene	0.008 / 0.025	±0.2533	9.177	0.9177
$\alpha$ -Humulene	0.009/0.029	±0.1575	6.300	0.6300
β-Pinene	0.004 / 0.014	±0.0301	3.379	0.3379
α-Pinene	0.005 / 0.017	±0.0225	3.365	0.3365
Linalool	0.009/0.032	±0.0897	3.032	0.3032
Guaiol	0.009/0.030	±0.0828	2.256	0.2256
Fenchol	0.010 / 0.034	±0.0393	1.305	0.1305
Terpineol	0.009/0.031	±0.0572	1.196	0.1196
α-Bisabolol	0.008 / 0.026	±0.0491	1.183	0.1183
$\alpha$ -Cedrene	0.005/0.016	±0.0202	0.868	0.0868
Caryophyllene Oxide	0.010 / 0.033	±0.0197	0.549	0.0549
Terpinolene	0.008 / 0.026	±0.0085	0.537	0.0537
Borneol	0.005/0.016	±0.0133	0.406	0.0406
Fenchone	0.009/0.028	±0.0080	0.355	0.0355
Camphene	0.005 / 0.015	±0.0029	0.321	0.0321
β-Ocimene	0.006 / 0.020	±0.0076	0.306	0.0306
Geraniol	0.002 / 0.007	±0.0016	0.046	0.0046
Citronellol	0.003/0.010	±0.0016	0.042	0.0042
$\gamma$ -Terpinene	0.006 / 0.018	±0.0005	0.040	0.0040
Sabinene Hydrate	0.006 / 0.022	±0.0012	0.040	0.0040
α-Terpinene	0.005 / 0.017	±0.0005	0.039	0.0039
Nerol	0.003 / 0.011	±0.0009	0.025	0.0025
$\alpha$ -Phellandrene	0.006 / 0.020	±0.0002	0.023	0.0023
p-Cymene	0.005 / 0.016	±0.0004	0.017	0.0017
Sabinene	0.004 / 0.014	N/A	ND	ND
$\Delta^3$ -Carene	0.005 / 0.018	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
Pulegone	0.003 / 0.011	N/A	ND	ND
Geranyl Acetate	0.004 / 0.014	N/A	ND	ND
Valencene	0.009/0.030	N/A	ND	ND
Nerolidol	0.006 / 0.019	N/A	ND	ND
Cedrol	0.008/0.027	N/A	ND	ND
TOTAL TERPENOIDS			92.673 mg/g	9.2673%