

SAMPLE NAME: KNOCKOUT

Infused, Colorado Infused

CULTIVATOR / MANUFACTURER
Business Name:
License Number:
Address:
DISTRIBUTOR / TESTED FOR
Business Name: Pure Peak Trading LLC

License Number:
Address:
SAMPLE DETAIL
Batch Number:
Sample ID: 230214N022

Date of Sampling: 02/14/2023

Time of Sampling: 12:41 p.m.

Sampler Name:
Sampler Company:
Date Collected: 02/14/2023

Date Received: 02/14/2023

Batch Size:
Sample Size: 1.0 units

Unit Mass:
Serving Size: 3 grams per Serving


Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY
Total THC: 0.338 mg/g

Total CBD: 1.648 mg/g

Sum of Cannabinoids: 8.51 mg/g

Total Cannabinoids: 8.51 mg/g

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 = Δ^9 -THC + (THCa (0.877))

Total CBD = CBD + (CBDa (0.877))

Sum of Cannabinoids = Δ^9 -THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa + Δ^8 -THC + CBL + CBN


Total Cannabinoids = (Δ^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) + Δ^8 -THC + CBL + CBN

For quality assurance purposes. Not a Regulatory Hemp Lab Test Report. 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: 6 CCR 1010-21 Colorado Wholesale Food, Industrial Hemp, and Shellfish Regulations; where applicable

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)



LQC verified by: Maria Garcia
Job Title: Senior Laboratory Analyst
Date: 02/21/2023



Approved by: Josh Wurzer
Job Title: President
Date: 02/21/2023




Cannabinoid Analysis

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

Method: QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

TOTAL THC: 0.338 mg/g

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 1.648 mg/g

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 8.51 mg/g

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

TOTAL CBG: 0.989 mg/g

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: ND

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: <LOQ

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 02/21/2023

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
Δ^8 -THC	0.01 / 0.02	±0.217	4.40	0.440
CBD	0.004 / 0.011	±0.0615	1.648	0.1648
CBN	0.001 / 0.007	±0.0326	1.137	0.1137
CBG	0.002 / 0.006	±0.0480	0.989	0.0989
Δ^9 -THC	0.002 / 0.014	±0.0186	0.338	0.0338
CBDV	0.002 / 0.012	N/A	<LOQ	<LOQ
THCa	0.001 / 0.005	N/A	ND	ND
THCV	0.002 / 0.012	N/A	ND	ND
THCVa	0.002 / 0.019	N/A	ND	ND
CBDA	0.001 / 0.026	N/A	ND	ND
CBDVa	0.001 / 0.018	N/A	ND	ND
CBGa	0.002 / 0.007	N/A	ND	ND
CBL	0.003 / 0.010	N/A	ND	ND
CBC	0.003 / 0.010	N/A	ND	ND
CBCa	0.001 / 0.015	N/A	ND	ND
Total THC		±0.0186	0.338	0.0338
SUM OF CANNABINOIDS			8.51 mg/g	0.851%

Serving Size: 3 grams per Serving

Δ^9 -THC per Serving	1.014 mg/serving
Total THC per Serving	1.014 mg/serving
CBD per Serving	4.944 mg/serving
Total CBD per Serving	4.944 mg/serving
Sum of Cannabinoids per Serving	25.53 mg/serving
Total Cannabinoids per Serving	25.54 mg/serving

BIN-Knockout-Gummy

 Sample ID: SA-220823-11433
 Batch:
 Type: Finished Products
 Matrix: Edible - Gummy
 Unit Mass (g): 2.6993

 Received: 08/31/2022
 Completed: 09/09/2022

Client
 Herbal Pharm Rx
 5740 Logan Street
 Denver, CO 80216
 USA


Summary

Test Cannabinoids	Date Tested 09/09/2022	Status Tested
-----------------------------	----------------------------------	-------------------------

0.0497 % Total Δ9-THC	0.633 % Δ8-THC	1.14 % Total Cannabinoids	Not Tested Moisture Content	Not Tested Foreign Matter	Yes Internal Standard Normalization
---------------------------------	--------------------------	-------------------------------------	---------------------------------------	-------------------------------------	---

Cannabinoids by HPLC-PDA, LC-MS/MS, and/or GC-MS/MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/unit)
CBC	0.00095	0.00284	ND	ND
CBCA	0.00181	0.00543	ND	ND
CBCV	0.0006	0.0018	ND	ND
CBD	0.00081	0.00242	0.0955	2.58
CBDA	0.00043	0.0013	ND	ND
CBDV	0.00061	0.00182	ND	ND
CBDVA	0.00021	0.00063	ND	ND
CBG	0.00057	0.00172	0.148	3.99
CBGA	0.00049	0.00147	ND	ND
CBL	0.00112	0.00335	ND	ND
CBLA	0.00124	0.00371	ND	ND
CBN	0.00056	0.00169	0.176	4.75
CBNA	0.0006	0.00181	ND	ND
CBT	0.0018	0.0054	ND	ND
Δ8-THC	0.00104	0.00312	0.633	17.1
Δ8-THCP	0.00067	0.002	ND	ND
Δ9-THC	0.00076	0.00227	0.0497	1.34
Δ9-THCA	0.00084	0.00251	ND	ND
Δ9-THCB	0.00067	0.002	0.0153	0.412
Δ9-THCH	0.00067	0.002	0.0103	0.279
Δ9-THCP	0.00067	0.002	0.0108	0.291
Δ9-THCV	0.00069	0.00206	ND	ND
Δ9-THCVA	0.00062	0.00186	ND	ND
Total Δ9-THC			0.0497	1.34
Total CBD			0.0955	2.58
Total			1.14	30.7

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA * 0.877 + Δ9-THC; Total CBD = CBDA * 0.877 + CBD;



 Generated By: Ryan Bellone
 Commercial Director
 Date: 09/13/2022



 Tested By: Scott Caudill
 Senior Scientist
 Date: 09/09/2022

 ISO/IEC 17025:2017 Accredited
 Accreditation #108651
