



License No. 800025015
FL License # CMTL-0003
CLIA No. 10D1094068

Certificate of Analysis

Compliance Test

Pinnacle Hemp
2231 Missouri Ave
Carthage, MO 64836

Batch # 11
Batch Date: 2021-03-16
Extracted From: CBD

Test Reg State: Oregon

Production Facility: pinnacle
Production Date: 2021-03-16

Order # PIN210319-070060
Order Date: 2021-03-19
Sample # AABC771

Sampling Date: 2021-03-22
Lab Batch Date: 2021-03-22
Completion Date: 2021-03-29

Initial Gross Weight: 14.441 g
Net Weight: 1.922 g

Number of Units: 2
Net Weight per Unit: 961.000 mg



Product Image

Delta 8/Delta 10 Potency

12

Specimen Weight: 55.900 mg

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	10.000	0.000026	0.001	937.400	93.740
CBN	10.000	0.000014	0.001	0.727	0.073
Delta-9 THC	10.000	0.000013	0.001	<LOQ	<LOQ
CBC	10.000	0.000018	0.001	<LOQ	<LOQ
CBD	10.000	0.000054	0.001	<LOQ	<LOQ
THCV	10.000	0.000007	0.001	<LOQ	<LOQ
THCA-A	10.000	0.000032	0.001	<LOQ	<LOQ
CBGA	10.000	0.00008	0.001	<LOQ	<LOQ
CBG	10.000	0.000248	0.001	<LOQ	<LOQ
CBDV	10.000	0.000065	0.001	<LOQ	<LOQ
CBDA	10.000	0.00001	0.001	<LOQ	<LOQ
Delta-10 THC	10.000	0.000003	0.001	<LOQ	<LOQ

Tested (LCUV)

Potency Summary

Total Delta 8 93.740%	900.841mg	Total Delta 10 None Detected
Total THC None Detected		Total CBD None Detected
Total CBG None Detected		Total CBN 0.073% 0.699mg
Other Cannabinoids 93.740%	900.841mg	Total Cannabinoids 93.813% 901.540mg

Terpenes Summary

Analyte	Result (mg/ml) (%)
(R)-(+)-Limonene	4.416 0.442%
Linalool	2.143 0.214%
trans-Nerolidol	2.061 0.206%
beta-Pinene	1.876 0.188%
beta-Myrcene	1.78 0.178%
trans-Caryophyllene	1.689 0.169%
Terpineol	1.65 0.165%

Total Terpenes: 1.562%

Detailed Terpenes Analysis is on the following page

Xueli Gao
Ph.D., DABT
Lab Toxicologist

Aixia Sun
D.H.Sc., M.Sc., B.Sc., MT (AAB)
Lab Director/Principal Scientist



Definitions and Abbreviations used in this report: *Total CBD = CBD + (CBD-A * 0.877), *Total THC = THCA-A * 0.877 + Delta 9 THC, *CBG Total = (CBGA * 0.877) + CBG, *CBN Total = (CBNA * 0.877) + CBN, *Other Cannabinoids Total = CBC + CBDV + THCV + THCV-A, *Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCV-A, *Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram, *Measurement of Uncertainty = +/- 5%

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Certificate of Analysis

Compliance Test

Pinnacle Hemp 2231 Missouri Ave Carthage, MO 64836	Batch # 11 Batch Date: 2021-03-16 Extracted From: CBD	Test Reg State: Oregon	Production Facility: pinnacle Production Date: 2021-03-16
Order # PIN210319-070060 Order Date: 2021-03-19 Sample # AABC771	Sampling Date: 2021-03-22 Lab Batch Date: 2021-03-22 Completion Date: 2021-03-29	Initial Gross Weight: 14.441 g Net Weight: 1.922 g	Number of Units: 2 Net Weight per Unit: 961.000 mg



Terpenes - FL

Specimen Weight: 157.100 mg

Tested
(GC)

Dilution Factor: 1.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
(R)-(+)-Limonene	0.02	4.416	0.442	Linalool	0.02	2.143	0.214
trans-Nerolidol	0.02	2.061	0.206	beta-Pinene	0.02	1.876	0.188
beta-Myrcene	0.02	1.780	0.178	trans-Caryophyllene	0.02	1.689	0.169
Terpineol	0.02	1.650	0.165	Geranyl acetate	0.02	<LOQ	<LOQ
Guaiol	0.02	<LOQ	<LOQ	Hexahydrothymol	0.02	<LOQ	<LOQ
Isoborneol	0.02	<LOQ	<LOQ	Isopulegol	0.02	<LOQ	<LOQ
(+)-Cedrol	0.02	<LOQ	<LOQ	Nerol	0.02	<LOQ	<LOQ
Geraniol	0.02	<LOQ	<LOQ	Pulegone	0.02	<LOQ	<LOQ
Sabinene	0.02	<LOQ	<LOQ	Sabinene Hydrate	0.02	<LOQ	<LOQ
Terpinolene	0.02	<LOQ	<LOQ	Ocimene	0.014	<LOQ	<LOQ
Fenchone	0.02	<LOQ	<LOQ	Gamma-Terpinene	0.02	<LOQ	<LOQ
alpha-Terpinene	0.02	<LOQ	<LOQ	3-Carene	0.02	<LOQ	<LOQ
alpha-Bisabolol	0.02	<LOQ	<LOQ	alpha-Cedrene	0.02	<LOQ	<LOQ
alpha-Humulene	0.02	<LOQ	<LOQ	alpha-Phellandrene	0.02	<LOQ	<LOQ
alpha-Pinene	0.02	<LOQ	<LOQ	Fenchyl Alcohol	0.02	<LOQ	<LOQ
Borneol	0.04	<LOQ	<LOQ	Camphene	0.02	<LOQ	<LOQ
Camphors	0.04	<LOQ	<LOQ	Caryophyllene oxide	0.02	<LOQ	<LOQ
cis-Nerolidol	0.02	<LOQ	<LOQ	Eucalyptol	0.02	<LOQ	<LOQ
Farnesene	0.02	<LOQ	<LOQ	Valencene	0.02	<LOQ	<LOQ

Total Terpenes: 1.562%

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