



# CERTIFICATE OF ANALYSIS



Customer: Pinnacle Hemp

Collection Date: 04/26/2019  
Order Date: 04/26/2019  
Report Date: 05/02/2019  
Order #700039  
Batch # 41

Initial Weight: 14169.00/mg  
Specimen Weight: 108.54/mg  
Specimen Type: Extract  
Description: Pinnacle Pet Tincture 480mg  
Density: 0.9787

## Potency

(HPLC)

Analyte	mg/ml	%	Analyte	mg/ml	%	Analyte	mg/ml	%
CBC	1.5581	0.1592	CBCA	0.6193	0.0633	CBD	22.2752	2.2760
CBDA	8.0038	0.8178	CBDV	0	ND	CBDVA	0	ND
CBG	0.7303	0.0746	CBGA	0.3308	0.0338	CBL	0	ND
CBN	0	ND	CBNA	0	ND	Delta-8-THC	0	ND
Delta-9-THC	1.0834	0.1107	THCA-A	0	ND	THCVA	0	ND
THCVA	0	ND	Total CBD	29.2944	2.9932	Total THC	1.0834	0.1107

## Terpenes Panel 2

(GCMS)

Analyte	mg/g	%	Analyte	mg/g	%	Analyte	mg/g	%
3-Carene	0	ND	Alpha-Bisabolol	0	ND	Alpha-Pinene	0	ND
Alpha-Terpinene	0	ND	Alpha-Terpineol	0	ND	Aromadendrene	0	ND
Beta-Myrcene	0	ND	Beta-Pinene	0	ND	Camphene	0	ND
Fenchol	0	ND	Gamma-Terpinene	0	ND	Gamma-Terpineol	0	ND
Geraniol	0	ND	Guaiol	0	ND	Humulene	0.0150	0.0015
Isopulegol	0	ND	Linalool	0	ND	Nerolidol-1	0	ND
Nerolidol-2	0	ND	Ocimene-1	0	ND	Ocimene-2	0	ND
P-Cymene	0	ND	R-Limonene	0	ND	Terpinolene	0	ND
Trans-Caryophyllene	0.0570	0.0057						

Thomas Farrell, MD  
Lab Director

\* Total CBD = CBD + (CBD-A \* 0.877). Total THC = THCA-A \* 0.877 + Delta 9 THC. T-Caryophyllene = Trans-Caryophyllene, ND = Not Detected, QNS = Quantity Not Sufficient. (%) = Percent, (ppm) = Parts per Million, (cfu) = Colony Forming Unit, (ppb) = Parts per Billion, (µg/Kg) = Microgram per Kilogram, (mg/g) = Milligram per Gram.  
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