



# CERTIFICATE OF ANALYSIS



Customer: Pinnacle Hemp

Collection Date: 05/06/2019  
Order Date: 05/06/2019  
Report Date: 05/10/2019  
Order #700384  
Batch # 41

Initial Weight: 11819.00/mg  
Specimen Weight: 116.76/mg  
Specimen Type: Extract  
Description: 1800mg Pinnacle Hemp

## Potency

(HPLC)

Analyte	mg/g	%	Analyte	mg/g	%	Analyte	mg/g	%
CBC	2.1870	0.2187	CBCA	0	ND	CBD	54.4300	5.4430
CBDA	7.2810	0.7281	CBDV	0.4357	0.0436	CBDVA	0	ND
CBG	1.0760	0.1076	CBGA	0.3041	0.0304	CBL	0	ND
CBN	0	ND	CBNA	0	ND	Delta-8-THC	0	ND
Delta-9-THC	1.5780	0.1578	THCA-A	0	ND	THCVA	0	ND
THCVA	0	ND	Total CBD	60.8150	6.0815	Total THC	1.5780	0.1578

## Terpenes

(GC/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	0.0700	0.0070	Aromadendrene	0	ND
Beta-Myrcene	0.1600	0.0160	Beta-Pinene	0	ND	Camphene	0	ND
Fenchol	0.1400	0.0140	Gamma-Terpinene	0	ND	Gamma-Terpineol	0	ND
Geraniol	0	ND	Guaiol	0.0700	0.0070	Humulene	0.1800	0.0180
Isopulegol	0	ND	Linalool	0.0600	0.0060	Nerolidol-1	0	ND
Nerolidol-2	0	ND	Ocimene-1	0	ND	Ocimene-2	0	ND
P-Cymene	0	ND	R-Limonene	0.0600	0.0060	Terpinolene	0	ND
Trans-Caryophyllene	0.5700	0.0570						

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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