



CERTIFICATE OF ANALYSIS



Customer: Primal Healing - Westminster, CO 80234

Order #: 703216	Specimen Type: Extract	Initial Gross Weight: 10055.00(mg)
Batch #: 3	Description: Serum	Specimen Weight: 83.40(mg)
Order Date: 08/02/2019	Method: SOP-3	Net Weight: 2671.8(mg)
Collection Date: 08/02/2019		Density: 0.9262(g/ml)
Report Date: 08/08/2019		

Potency Details						(HPLC)					
Analyte	Result (mg/ml)	(%)	LOQ (%)	Analyte	Result (mg/ml)	(%)	LOQ (%)	Analyte	Result (mg/ml)	(%)	LOQ (%)
CBC	ND		0.001	CBCA	ND		0.001	CBD	3.940	0.425	0.001
CBDA	ND		0.001	CBDV	ND		0.001	CBDVA	ND		0.001
CBG	ND		0.001	CBGA	ND		0.001	CBL	ND		0.001
CBN	ND		0.001	CBNA	ND		0.001	Delta-8-THC	ND		0.001
Delta-9-THC	ND		0.001	THCA-A	ND		0.001	THC	ND		0.001
THCVA	ND		0.001	Total CBD	3.940	0.425	0.001	Total THC	ND		0.001

Potency Totals		
Analyte	Result (mg)	(%)
CBD Total	11.355	0.425
THC Total	ND	ND
CBG Total	ND	ND
CBN Total	ND	ND
Other Cannabinoids Total	ND	ND
Total Detected Cannabinoids	11.355	0.425

Terpenes						(GC/GCMS)					
Analyte	Result (mg/g)	(%)	LOQ (%)	Analyte	Result (mg/g)	(%)	LOQ (%)	Analyte	Result (mg/g)	(%)	LOQ (%)
3-Carene	ND		0.001	Alpha-Bisabolol	ND		0.001	Alpha-Pinene	ND		0.002
Alpha-Terpinene	ND		0.001	Alpha-Terpineol	ND		0.001	Aromadendrene	ND		0.001
Beta-Myrcene	0.033	0.003	0.001	Beta-Pinene	ND		0.001	Camphene	ND		0.001
Fenchol	ND		0.002	Gamma-Terpinene	ND		0.001	Gamma-Terpineol	ND		0.002
Geraniol	ND		0.001	Guaiol	ND		0.001	Humulene	ND		0.001
Isopulegol	ND		0.001	Linalool	1.834	0.183	0.001	Nerolidol-1	ND		0.001
Nerolidol-2	ND		0.001	Ocimene-1	0.033	0.003	0.001	Ocimene-2	0.038	0.004	0.001
P-Cymene	ND		0.001	R-Limonene	ND		0.000	Terpinolene	ND		0.001
Trans-Caryophyllene	ND		0.001								

Thomas Farrell, MD
Lab Director

* 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 + THCVA, *Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCVA, *Total (mg) = Total (%) * Net Weight(mg), ND = <LOQ, T-Caryophyllene = Trans-Caryophyllene, <LOQ = Less Than Limit of Quantitation, QNS = Quantity Not Sufficient. (%) = Percent, (ppm) = Parts per Million, (ppb) = Parts per Billion, (µg/Kg) = Microgram per Kilogram, (mg/g) = Milligram per Gram, ppm = (µg/g), ppb = (µg/kg).

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