

Certificate of Analysis

Order #: CB 200406-080167

Order Date: 2020-04-06

Collection Date: 2020-04-13

Report Date: 2020-04-20

Batch #: 204
Sample #: AAAE852
Specimen Type: CBD/HEMP Derivative Products (Ingestion)
Extracted From: hemp
Description: cbd sleep tincture

Initial Gross Weight: 27446 mg
Specimen Weight: 93.45 mg
Density: .9755 mg/ml
Method: SOP-3



Potency
Tested

Terpenes
Tested



The photos on this report are of a sample collected by the lab and may vary from the final packaging.

CBD Total
1.9220%

THC Total
Not Detected

CBG Total
Not Detected

CBN Total
Not Detected

Other Cannabinoids
Not Detected

Total Cannabinoids
1.9220%

Potency - 11 (Tested)

Analyte	Result (mg/ml)	(%)	LOQ (%)
CBC	<LOQ	0.001	
CBDV	<LOQ	0.001	
CBN	<LOQ	0.001	
THCA-A	<LOQ	0.001	
Total THC	<LOQ	0.001	

Analyte	Result (mg/ml)	(%)	LOQ (%)
CBD	18.749	1.922	0.001
CBG	<LOQ	0.001	
Delta-8 THC	<LOQ	0.001	
THCV	<LOQ	0.001	

(HPLC)

Analyte	Result (mg/ml)	(%)	LOQ (%)
CBDA	<LOQ	0.001	
CBGA	<LOQ	0.001	
Delta-9 THC	<LOQ	0.001	
Total CBD	18.749	1.922	0.001

*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 (mg/ml) = Milligrams per Milliliter, , LOQ = Limit of Quantitation

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Terpenes - FL (Tested)

Analyte	Result (mg/g)	(%)	LOQ (%)
(+)-Cedrol	<LOQ		0.001
Alpha-Bisabolol	1.162	0.116	0.001
alpha-Phellandrene	<LOQ		0.001
Borneol	<LOQ		0.001
Caryophyllene oxide	0.075	0.008	0.001
Fenchyl Alcohol	<LOQ		0.001
Guaiol	<LOQ		0.001
Isopulegol	<LOQ		0.001
Ocimene	<LOQ		0.001
Sabinene Hydrate	<LOQ		0.001
trans-beta-Ocimene	<LOQ		0.001

Analyte	Result (mg/g)	(%)	LOQ (%)
(R)-(+)-Limonene	1.446	0.145	0.001
alpha-Cedrene	<LOQ		0.001
Alpha-Pinene	<LOQ		0.001
Beta-Myrcene	2.271	0.227	0.001
Camphene	0.324	0.032	0.001
cis-Nerolidol	1.295	0.130	0.001
Farnesene	<LOQ		0.001
Gamma-Terpinene	<LOQ		0.001
Hexahydrothymol	<LOQ		0.001
Linalool	2.219	0.222	0.001
Pulegone	<LOQ		0.001
Terpineol	2.112	0.211	0.001
Trans-Caryophyllene	2.620	0.262	0.001

(GC/GCMS)

Analyte	Result (mg/g)	(%)	LOQ (%)
3-Carene	1.325	0.132	0.001
alpha-Humulene	0.353	0.035	0.001
Alpha-Terpinene	<LOQ		0.001
Beta-Pinene	<LOQ		0.001
Camphors	<LOQ		0.001
Eucalyptol	<LOQ		0.001
Fenchone	<LOQ		0.001
Geraniol	0.055	0.006	0.001
Geranyl acetate	0.219	0.022	0.001
Isoborneol	<LOQ		0.001
Nerol	0.184	0.018	0.001
Sabinene	<LOQ		0.001
Terpinolene	0.938	0.094	0.001
trans-Nerolidol	1.056	0.106	0.001
Valencene	<LOQ		0.001

(mg/g) = Milligram per Gram, , LOQ = Limit of Quantitation

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