

Balance CBD Hemp Oil

SAMPLE TYPE
Tincture

RECEIVED **04/22/19**
REPORTED **04/25/19**

CUSTOMER
Kat's Naturals
5876 SR 28
Dunlap, TN, AR 37327

Hemp - Kat's Naturals

STEEP HILL ID
AR67198

BATCH ID
23212919

DENSITY **0.87 g/mL**

TEST NAME

Extended Terpenes

METHOD NAME
SOP-069-AR

Terpene	mg/mL	%	mg/g	LOD mg/g	LOQ mg/g
α-Bisabolol	0.100	0.0115	0.115	0.020	0.067
endo-Borneol	ND	ND	ND	0.0093	0.031
Camphene	< LOQ	< LOQ	< LOQ	0.0090	0.030
Camphor	ND	ND	ND	0.0119	0.040
3-Carene	ND	ND	ND	0.0102	0.034
Caryophyllene Oxide	0.090	0.0103	0.103	0.027	0.089
β-Caryophyllene	0.33	0.038	0.38	0.0141	0.047
α-Cedrene	ND	ND	ND	0.0088	0.029
Cedrol	ND	ND	ND	0.0198	0.066
Eucalyptol	0.41	0.047	0.47	0.0101	0.034
β-Farnesene	0.36	0.041	0.41	0.0185	0.061
Fenchol	ND	ND	ND	0.0109	0.036
Fenchone	ND	ND	ND	0.0118	0.039
Geraniol	ND	ND	ND	0.020	0.067
Geranyl Acetate	ND	ND	ND	0.0170	0.057

ND - Not Detected
< LOQ - Below Limit of
Quantitation

LOD - Limit of Detection
LOQ - Limit of Quantitation

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METHOD NAME

SOP-069-AR

Terpene	mg/mL	%	mg/g	LOD mg/g	LOQ mg/g
Guaiol	0.21	0.024	0.24	0.031	0.103
α-Humulene	0.058	0.0066	0.066	0.0098	0.033
Isoborneol	ND	ND	ND	0.0119	0.040
Isopulegol	< LOQ	< LOQ	< LOQ	0.0169	0.056
Limonene	0.22	0.025	0.25	0.0058	0.0194
Linalool	ND	ND	ND	0.0160	0.053
Menthol	3.0	0.35	3.5	0.0124	0.041
β-Myrcene	0.23	0.026	0.26	0.0073	0.024
Nerol	ND	ND	ND	0.0148	0.049
cis-Nerolidol	ND	ND	ND	0.0106	0.036
trans-Nerolidol	ND	ND	ND	0.025	0.084
cis-β-Ocimene	0.086	0.0098	0.098	0.0084	0.028
trans-β-Ocimene	0.103	0.0118	0.118	0.0158	0.053
α-Phellandrene	0.045	0.0051	0.051	0.0099	0.033
α-Pinene	0.086	0.0098	0.098	0.0082	0.027
β-Pinene	0.110	0.0126	0.126	0.0077	0.026
Pulegone	0.25	0.028	0.28	0.0111	0.037
Sabinene	0.082	0.0094	0.094	0.0056	0.0187
Sabinene Hydrate	ND	ND	ND	0.0089	0.030
α-Terpinene	0.056	0.0064	0.064	0.0071	0.024
γ-Terpinene	0.073	0.0083	0.083	0.0082	0.027
Terpineol	ND	ND	ND	0.0117	0.039
Terpinolene	< LOQ	< LOQ	< LOQ	0.022	0.072
Valencene	ND	ND	ND	0.0165	0.055
Total Measured	5.9	0.68	6.8		

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 < LOQ - Below Limit of Quantitation

LOD - Limit of Detection
 LOQ - Limit of Quantitation

CERTIFICATION



BRANDON THORNTON
 PHARM. D. CO-OWNER & CEO

CERTIFICATE #: AR67198-7
 REVISION: TRP-001 Rev. 3.

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