

Restore CBD Hemp Oil

SAMPLE TYPE

Tincture

 RECEIVED **04/22/19**

 CUSTOMER
 Kat's Naturals

 REPORTED **04/25/19**

 5876 SR 28
 Dunlap, TN, AR 37327

Hemp - Kat's Naturals

 STEEP HILL ID
AR67197

 BATCH ID
267R319

 DENSITY **0.83 g/mL**

TEST NAME

Extended Terpenes

METHOD NAME

SOP-069-AR

Terpene	mg/mL	%	mg/g	LOD mg/g	LOQ mg/g
α -Bisabolol	0.149	0.0180	0.180	0.021	0.071
endo-Borneol	ND	ND	ND	0.0099	0.033
Camphene	< LOQ	< LOQ	< LOQ	0.0095	0.032
Camphor	ND	ND	ND	0.0126	0.042
3-Carene	ND	ND	ND	0.0107	0.036
Caryophyllene Oxide	0.087	0.0105	0.105	0.028	0.094
β -Caryophyllene	0.160	0.0193	0.193	0.0149	0.050
α -Cedrene	ND	ND	ND	0.0093	0.031
Cedrol	ND	ND	ND	0.021	0.070
Eucalyptol	0.36	0.044	0.44	0.0107	0.036
β -Farnesene	0.30	0.036	0.36	0.0195	0.065
Fenchol	ND	ND	ND	0.0115	0.038
Fenchone	ND	ND	ND	0.0125	0.042
Geraniol	ND	ND	ND	0.021	0.071
Geranyl Acetate	ND	ND	ND	0.0180	0.060

ND - Not Detected
< LOQ - Below Limit of
Quantitation

LOD - Limit of Detection
LOQ - Limit of Quantitation

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SOP-069-AR

Terpene	mg/mL	%	mg/g	LOD mg/g	LOQ mg/g
Guaiol	0.21	0.025	0.25	0.033	0.109
α-Humulene	< LOQ	< LOQ	< LOQ	0.0104	0.034
Isoborneol	ND	ND	ND	0.0126	0.042
Isopulegol	ND	ND	ND	0.0179	0.060
Limonene	0.165	0.0200	0.200	0.0062	0.021
Linalool	ND	ND	ND	0.0169	0.056
Menthol	2.6	0.32	3.2	0.0131	0.044
β-Myrcene	0.107	0.0129	0.129	0.0077	0.026
Nerol	ND	ND	ND	0.0157	0.052
cis-Nerolidol	ND	ND	ND	0.0113	0.038
trans-Nerolidol	ND	ND	ND	0.027	0.089
cis-β-Ocimene	0.078	0.0094	0.094	0.0089	0.030
trans-β-Ocimene	0.099	0.0120	0.120	0.0167	0.056
α-Phellandrene	0.045	0.0054	0.054	0.0105	0.035
α-Pinene	0.079	0.0096	0.096	0.0086	0.029
β-Pinene	0.099	0.0120	0.120	0.0081	0.027
Pulegone	0.21	0.026	0.26	0.0117	0.039
Sabinene	0.078	0.0095	0.095	0.0060	0.0198
Sabinene Hydrate	ND	ND	ND	0.0094	0.031
α-Terpinene	0.059	0.0072	0.072	0.0076	0.025
γ-Terpinene	0.068	0.0083	0.083	0.0086	0.029
Terpineol	ND	ND	ND	0.0124	0.041
Terpinolene	< LOQ	< LOQ	< LOQ	0.023	0.076
Valencene	ND	ND	ND	0.0175	0.058
Total Measured	5.0	0.61	6.1		

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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 #: AR67197-4
 REVISION: TRP-001 Rev. 3.

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