

# Deep Pain CBD Cream

SAMPLE TYPE

**Topical**

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  
**AR67193**

 BATCH ID  
**21DP419**

TEST NAME

**Extended Terpenes**

METHOD NAME

SOP-069-AR

Terpene	%	mg/g	LOD mg/g	LOQ mg/g
$\alpha$ -Bisabolol	<b>0.0085</b>	<b>0.085</b>	0.0173	0.058
endo-Borneol	ND	ND	0.0080	0.027
Camphene	<b>0.0043</b>	<b>0.043</b>	0.0077	0.026
Camphor	ND	ND	0.0102	0.034
3-Carene	<b>0.0042</b>	<b>0.042</b>	0.0087	0.029
Caryophyllene Oxide	< LOQ	< LOQ	0.023	0.076
$\beta$ -Caryophyllene	< LOQ	< LOQ	0.0121	0.040
$\alpha$ -Cedrene	ND	ND	0.0075	0.025
Cedrol	ND	ND	0.0169	0.056
Eucalyptol	< LOQ	< LOQ	0.0086	0.029
$\beta$ -Farnesene	<b>0.042</b>	<b>0.42</b>	0.0158	0.053
Fenchol	ND	ND	0.0094	0.031
Fenchone	ND	ND	0.0101	0.034
Geraniol	ND	ND	0.0172	0.057
Geranyl Acetate	ND	ND	0.0146	0.049

*ND - Not Detected*  
*< LOQ - Below Limit of*  
*Quantitation*

*LOD - Limit of Detection*  
*LOQ - Limit of Quantitation*

# Deep Pain CBD Cream

TEST NAME

**Extended Terpenes**

METHOD NAME

SOP-069-AR

Terpene	%	mg/g	LOD mg/g	LOQ mg/g
Guaiol	ND	ND	0.027	0.088
$\alpha$ -Humulene	ND	ND	0.0084	0.028
Isoborneol	ND	ND	0.0102	0.034
Isopulegol	ND	ND	0.0145	0.048
Limonene	<b>0.0070</b>	<b>0.070</b>	0.0050	0.0166
Linalool	<b>0.055</b>	<b>0.55</b>	0.0137	0.046
Menthol	ND	ND	0.0106	0.035
$\beta$ -Myrcene	<b>0.0099</b>	<b>0.099</b>	0.0062	0.021
Nerol	ND	ND	0.0127	0.042
cis-Nerolidol	ND	ND	0.0091	0.030
trans-Nerolidol	ND	ND	0.022	0.072
cis- $\beta$ -Ocimene	<b>0.0116</b>	<b>0.116</b>	0.0072	0.024
trans- $\beta$ -Ocimene	<b>0.025</b>	<b>0.25</b>	0.0135	0.045
$\alpha$ -Phellandrene	<b>0.0050</b>	<b>0.050</b>	0.0085	0.028
$\alpha$ -Pinene	<b>0.081</b>	<b>0.81</b>	0.0070	0.023
$\beta$ -Pinene	<b>0.0052</b>	<b>0.052</b>	0.0066	0.022
Pulegone	ND	ND	0.0095	0.032
Sabinene	<b>0.0068</b>	<b>0.068</b>	0.0048	0.0160
Sabinene Hydrate	ND	ND	0.0076	0.025
$\alpha$ -Terpinene	ND	ND	0.0061	0.020
$\gamma$ -Terpinene	<b>0.0046</b>	<b>0.046</b>	0.0070	0.023
Terpineol	ND	ND	0.0101	0.034
Terpinolene	< LOQ	< LOQ	0.0185	0.062
Valencene	ND	ND	0.0142	0.047
<b>Total Measured</b>	<b>0.270</b>	<b>2.70</b>		

ND - Not Detected  
 < LOQ - Below Limit of Quantitation

LOD - Limit of Detection  
 LOQ - Limit of Quantitation

CERTIFICATION



BRANDON THORNTON  
 PHARM. D. CO-OWNER & CEO

CERTIFICATE #: AR67193-5  
 REVISION: TRP-001 Rev. 3.

*The above results relate only to the samples tested and for the specific tests conducted. Steep Hill grants permission to reproduce this document in full only.*