



Steep Hill Maryland

Certificate of Analysis Cherry Blossom

Item Name CB005 - Whole Hemp Oil
Lot #: N/A
Sampling Date: 2019-08-19

Results relate only to items tested

POTENCY		
Methods: SOP-002-MD, SOP-024-MD, SOP-068-MD		
<i>Cannabinoid</i>	<i>(mg / g)</i>	<i>% (w/w)</i>
CBD	54.145	5.4
CBDa	2.580	0.3
CBN	0.133	0.0
THC	1.573	0.2
THCa	n.d.	0.0
CBDV	0.550	0.1
CBG	n.d.	0.0
CBGa	n.d.	0.0
d8-THC	n.d.	0.0
THCV	n.d.	0.0
CBC	2.132	0.2

n.d. = not detected

TERPENES - % (w/w)	
Methods: SOP-002-MD, SOP-063-MD, SOP-069-MD	
TOTAL	0.43
alpha-Pinene	n.d.
Camphene	n.d.
Sabinene	n.d.
beta-Pinene	n.d.
beta-Myrcene	n.d.
(1S)-3-Carene	n.d.
alpha-Terpinene	n.d.
p-cymene	n.d.
D-Limonene	n.d.
Eucalyptol	n.d.
Ocimene	n.d.
gamma.-Terpinene	n.d.
Sabinene Hydrate	n.d.
Terpinolene	n.d.
Fenchone	n.d.
Linolool	0.02
Fenchol	n.d.
Isopulegol	n.d.
Camphor	n.d.

Isoborneol	n.d.
Borneol	n.d.
Menthol	n.d.
Terpineol	0.02
Nerol	n.d.
Pulegone	n.d.
Geraniol	n.d.
Geraniol acetate	n.d.
alpha-Cedrene	0.03
beta-Caryophyllene	0.12
alpha-Humulene	0.05
Valencene	n.d.
cis-Nerolidol	n.d.
trans-Nerolidol	n.d.
Caryophyllene oxide	0.02
Guaiol	n.d.
(+)-Cedrol	n.d.
beta-eudesmol	0.08
alpha-Bisabolol	0.09

terpenes in bold are indicated in AHP monograph and summed to yield total terpene value

	<i>detection</i>	<i>result</i>
PESTICIDES	n.d.	n.d.
MYCOTOXINS	n.d.	n.d.
Methods: SOP-002-MD, SOP-062-MD, SOP-070-MD		

HEAVY METALS		
Methods: SOP-021-MD, SOP-061-MD, SOP-072-MD		
	concentration (ppm)	
<i>Metal</i>	<i>detected</i>	<i>MD limit</i>
Silver	n.d.	1.4
Arsenic	n.d.	0.4
Barium	n.d.	60
Cadmium	n.d.	0.4
Chromium	n.d.	0.6
Mercury	n.d.	0.2
Lead	n.d.	1
Selenium	n.d.	26

MICROBIOLOGY	
Methods: SOP-700-MD	
	CFU/g

<i>Test</i>	<i>detected</i>	<i>MD limit</i>
Total Yeast and Mold	0	10000
Total Aerobic Bacteria	0	100000
<i>E. coli</i>	0	100
<i>Salmonella</i> spp.	0	0

RESIDUAL SOLVENTS		
	ppm	
<i>Solvent</i>	<i>detected</i>	<i>MD limit</i>
Propanes	n.d.	5000
Butanes	n.d.	5000
Ethanol	n.d.	5000
Hexanes	n.d.	290
Benzene	n.d.	2
Heptanes	n.d.	5000
Toluene	n.d.	890
Total xylenes	n.d.	2170



9/3/2019

Lab Director, Steep Hill MD