Broad Spec MCT Oil

Therapeutic Naturals LLC Certificate of Analysis

total cannabinoids
18 mg
per
mL

Δ9-THC	THCa	total THC
0.00 mg	0.00 mg	0.00 mg

CBD	CBDa	total CBD
18.13 mg	0.00 mg	18.13 mg

This Product Has Been Tested and Complies with 7USC1639o(1) Definition of Hemp

ISO/IEC 17025:2017
Certificate #4961.01
https://portal.a2la.org/scopepdf/4961-01.pdf

Stillwater Laboratories

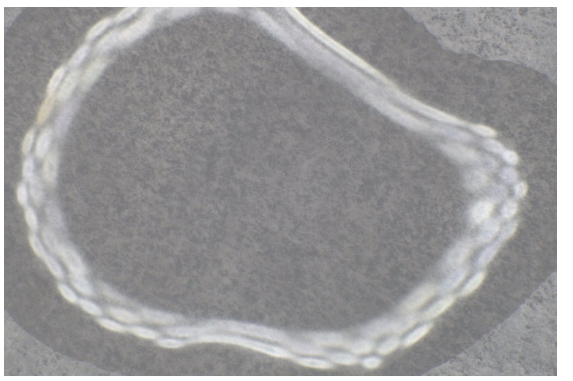
Sample Handling

test ID		sample wt	
type	concentrate	order	**9069**
lab ID	**0MA69**	sample date	12/1/2020
unit	mL	unit weight	**1.0 g**

Methods

	method	equipment
weights	MSP-7.3.1.3	AUX120.1
potency	MSP-7.5.1.5	LC-2030
terpenes	MSP-7.5.1.7	QP2020/HS20
pesticides	MSP-7.5.1.8	LC-8060
mycotoxins	MSP-7.5.1.8	LC-8060
microbial	MSP-7.5.1.1	AriaMx/Hardy
solvents	MSP-7.5.1.6	QP2020/HS20
metals	MSP-7.5.1.1	ICPMS2030

concentrate



Potency

per mL		estimated error
tetrahydrocannabolic acid (THCa)	0% 0.00 mg	± 0.02 mg
Δ^9-tetrahydrocannabinol (Δ^9 THC)	0% 0.00 mg	± 0.02 mg
Δ^8-tetrahydrocannabinol (Δ^8 THC)	0% 0.00 mg	± 0.02 mg
tetrahydrocannabivarin (THCv)	0% 0.00 mg	± 0.02 mg
cannabidiolic acid (CBDa)	0% 0.00 mg	± 0.02 mg
cannabidiol (CBD)	1.89% 18.13 mg	± 0.03 mg
cannabidivarin (CBDv)	0% 0.00 mg	± 0.02 mg
cannabigerolic acid (CBGa)	0% 0.00 mg	± 0.02 mg
cannabigerol (CBG)	.03% 0.33 mg	± 0.02 mg
cannabinol (CBN)	0% 0.02 mg	± 0.02 mg
cannabichromene (CBC)	0% 0.00 mg	± 0.02 mg

Terpenes

%	estimated error	%	estimated error	%	estimated error

terpenes
not tested / not required

Solvents

MT limit | 0MA69 | LOQ

Pesticides (MT)

MT limit | 0MA69 | LOQ

pesticides
not tested / not required

Pesticides (other)

0MA69 | LOQ

not tested / not required

Toxic Metals

MT limit | 0MA69 | LOQ

metals
not tested / not required

Microbial

MT limit | 0MA69 | LOQ

microbial not tested

Comments

• All testing was completed onsite at 6073 US93N, Olney MT •• Potency (cannabinoid concentration) is calcuated from the equation: [cannabioid] = $[\text{cannabinoid}]_{HPLC}$ x $\text{volume}_{dilution}/m_{dry}$. Terpene concentration is calcuated from the equation: [terpene] = $(\text{terpene mass})_{GCMS}$ / m_{dry}. ••• Decarboxyted cannabinoid concentration is calculated from the equation XXX_{total} = 0.877 x XXXa + XXX •••• Standards are used to calibrate the resulting data and estimate error using a standard estimate of error method; this is combined with error from weighing and dilution using the propagation of error formula $s_g^2 = \sum(\partial f/\partial i)^2 s_i^2$ where i is the contributor to error. The 95% confidence range is calculated from the equation: (concentration) ± t_{CL90} x s_g. Sampling error is not

Certified by:

Kyle Larson, MSc (Biology)
Deputy Director
6073 US93N, Olney MT 59927
406-881-2019 rdb@stwlabs.com