



LAB REPORT

Customer: Lemah Creek Naturals, LLC
Address: 747 E Boughton Rd, #308
Bolingbrook, IL 60440

Sample: Lemah Creek Naturals 3000mg Orange Mist Flavor - Batch 09042020
Type: Tincture
Received: 09/09/2020

Lab ID/Sample Report ID: 20200909LCD

Potency Test Results- WI-001 HPLC-UV

Analysis Date: 09/10/2020

ANALYTE	WEIGHT %	CONCENTRATION (mg/g)
CBD	5.15%	51.57
CBG	<0.10%	<1.00
CBD-A	<0.10%	<1.00
CBN	<0.10%	<1.00
Delta 9 THC (THC)	0.20%	2.00
Delta 8 THC	<0.10%	<1.00
CBC	<0.10%	<1.00
THC-A	<0.10%	<1.00
THC-V	<0.10%	<1.00
TOTAL	5.35%	53.57

Terpene Test Results - GCMS

Analysis Date: 09/10/2020

ANALYTE	CONCENTRATION (ug/g)	ANALYTE	CONCENTRATION (ug/g)
Alpha-Pinene	N.D.	Linalool	N.D.
Camphene	N.D.	Fenchyl Alcohol	N.D.
Sabinene	N.D.	Borneol	N.D.
Beta-Pinene	N.D.	Alpha Terpineol (Isomer)	N.D.
Beta-Myrcene	N.D.	Gamma Terpineol (Isomer)	N.D.
Alpha-Phellandrene	N.D.	Beta-Caryophyllene	N.D.
Delta-3-Carene	N.D.	Elemene	N.D.
Alpha-Terpinene	N.D.	Alpha-Humulene	N.D.
P-Cymene	N.D.	Valencene	N.D.
Limonene	3508.32	Cis-Nerolidol	N.D.
Eucalyptol	N.D.	Trans Nerolidol	N.D.
Ocimene	N.D.	Caryophyllene Oxide	N.D.
Gamma-Terpinene	N.D.	Guaiol	N.D.
Sabinene Hydrate	N.D.	Alpha-Bisabolol	N.D.
Terpinolene	N.D.		
Fenchone	N.D.		
		Total Terpenes	3508.32

MICROBIOLOGICAL TESTS- WI-010,WI-008, WI-005 3M

Analysis Date: N/A

Total Viable Aerobic Bacteria 10⁴
Total Yeast And Mold 10³
Total Coliform 10²
Bile-Tolerant Gram Negative Bacteria 10²
E-coli (Pathogenic Strains)- no detection in 1 gram
Salmonella- no detection in 1 gram

MYCOTOXIN TESTS- WI-003 Alisa (<20 ug/kg of substance)

Analysis Date: N/A

Aflatoxin B1
Aflatoxin B2
Aflatoxin G1
Aflatoxin G2
Ochratoxin A

HEAVY METALS - WI-011 ICP-OES (Quantitative)

Analysis Date: N/A

PESTICIDE RESIDUE TEST- WI-002 GC/MS (Qualitative)

Analysis Date: N/A

RESIDUAL SOLVENT TEST- WI-004 GC-FID (IL Admin Code 1300.700)

Analysis Date: N/A

VISUAL INSPECTION

PASS

Analysis Date: 09/09/2020

N.D. = Non-Detected Values are below the method detection limit

* = Value reported is between the calculated reporting limit (0.2% or 2 mg/g) and the calculated method detection limit (0.10% or 1.0 mg/g)

MDL= Method Detection Limit (0.1% or 1.0 mg/g)

N.D. = Terpene Levels below 100 ug/g

PASS/FAIL = Illinois Register - Illinois Department of Agriculture - Compassionate use of Medical Cannabis Pilot Program

HEAVY METALS (ppm) = Pb <1.0; As <0.4 Inhaled, <1.5 Other; Hg <0.2 Inhaled, <3.0 Other; Cd <0.2 Inhaled, <0.5 Other; Cr <0.6 Inhaled, <2.0 Other

Lab Information

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Signature- Lindsay Keck
Lindsay Keck, Laboratory Manager