



LAB REPORT

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

Sample: Lemah Creek Naturals 5000mg Orange Mist Flavor - Batch 09132020
Type: Tincture
Received: 09/16/2020

Lab ID/Sample Report ID: 20200916LMA

Potency Test Results- WI-001 HPLC-UV

Analysis Date: 09/16/2020

ANALYTE	WEIGHT %	CONCENTRATION (mg/g)
CBD	8.45%	84.50
CBG	<0.10%	<1.00
CBD-A	<0.10%	<1.00
CBN	<0.10%	<1.00
Delta 9 THC (THC)	0.25%	2.50
Delta 8 THC	<0.10%	<1.00
CBC	* 0.16%	1.60
THC-A	<0.10%	<1.00
THC-V	<0.10%	<1.00
TOTAL	8.86%	88.60

Terpene Test Results - GCMS

Analysis Date: N/A

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

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: 09/16/2020

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