



## LAB REPORT

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

Sample: Lemah Creek Naturals 2000mg Mint Flavor - Batch 09132020  
Type: Tincture  
Received: 09/16/2020

Lab ID/Sample Report ID: 20200916LMF

### Potency Test Results- WI-001 HPLC-UV

Analysis Date: 09/16/2020

ANALYTE	WEIGHT %	CONCENTRATION (mg/g)
CBD	6.91%	69.10
CBG	<0.10%	<1.00
CBD-A	<0.10%	<1.00
CBN	<0.10%	<1.00
Delta 9 THC (THC)	0.23%	2.30
Delta 8 THC	<0.10%	<1.00
CBC	0.10%	1.05
THC-A	<0.10%	<1.00
THC-V	<0.10%	<1.00
<b>TOTAL</b>	<b>7.24%</b>	<b>72.45</b>

### 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			
<b>Total Terpenes</b>			

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

Analysis Date: N/A

Total Viable Aerobic Bacteria 10<sup>4</sup>  
Total Yeast And Mold 10<sup>3</sup>  
Total Coliform 10<sup>2</sup>  
Bile-Tolerant Gram Negative Bacteria 10<sup>2</sup>  
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