Bia Diagnostics
Laboratories

Bia Diagnostics
480 Hercules Drive Suite 101
Colchester, VT 05446

(802) 540-0148
https://www.biadiagnostics.com/
Lic#

Lemon Thai

Sample ID: BIA240514S0021
Strain: 0256-3

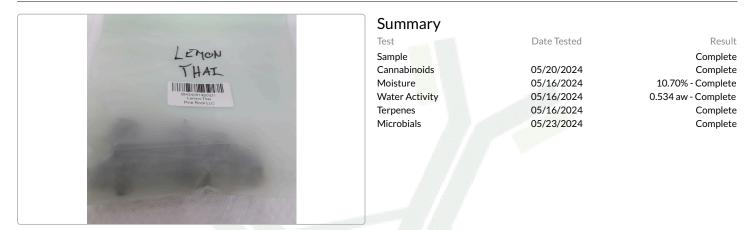Matrix: Plant
Type: Flower - Cured
Sample Size: 5 g
Lot#:

Produced:
Collected:
Received: 05/14/2024
Completed: 05/23/2024
Batch#:

Client
Pine Rock LLC
Lic. # SCLT0256
1579 E. Brighton Rd.
Island Pond, VT 05846

Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	05/20/2024	Complete
Moisture	05/16/2024	10.70% - Complete
Water Activity	05/16/2024	0.534 aw - Complete
Terpenes	05/16/2024	Complete
Microbials	05/23/2024	Complete

Cannabinoids

Completed

17.16% Total THC	**0.07%** Total CBD	**21.12%** Total Cannabinoids

Analyte	LOQ mg/g	Results %	Results mg/g	Mass mg/serving
CBDVa	0.0005	<LOQ	<LOQ	
CBDV	0.0012	0.05	0.5	
CBDa	0.0008	0.08	0.8	
CBGa	0.0008	1.50	15.0	
CBG	0.0019	0.06	0.6	
CBD	0.0019	<LOQ	<LOQ	
THCV	0.0021	<LOQ	<LOQ	
CBN	0.0013	<LOQ	<LOQ	
Δ9-THC	0.0020	0.93	9.3	
Δ8-THC	0.0019	<LOQ	<LOQ	
THCa	0.0034	18.50	185.0	
CBC	0.0024	<LOQ	<LOQ	
Total THC		**17.16**	**171.60**	
Total CBD		**0.07**	**0.66**	
Total		**21.12**	**211.25**	**0.00**

Analyst: 056
Cannabinoids Methodology: High Performance Liquid Chromatography (HPLC) using PerkinElmer FLEXAR™ with Photo Diode Array Detector (PDA)
Total CBD and total THC are calculated values, to account for assumed decarboxylation from the acid form (THCA or CBDA) to the neutral form, causing weight loss of the acid group. These values are calculated as follows:
TotalTHC=(THCAx0.877)+Δ9-THC
Total CBD = (CBDA x 0.877) + CBD Reagent
Blanks: < LOQs for all analytes
LOQ = The lowest quantity that this method can reliably detect. Any cannabinoid that was not detected is assumed to be less than the stated LOQ (<LOQ).
All results reflect dry weight of material, based on % moisture of the sample.
Measurement of Uncertainty (MU): the parameter, associated with the result of a measurement, that characterizes the dispersion of the values that could reasonably be attributed to the particular quantity subject to measurement. Δ9-THC MU = ±0.005% Total THC MU = ±0.007%
All other cannabinoid MU values are available upon request.
All moisture analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.

Luke E-m
Luke Emerson-Mason
Laboratory Director
05/23/2024

This report shall not be reproduced except in full without approval of the laboratory. This is to provide assurance that parts of a report are not taken out of context.

Bia Diagnostics
480 Hercules Drive Suite 101
Colchester, VT 05446

(802) 540-0148
https://www.biadiagnostics.com/
Lic#

QA Testing

2 of 3

Lemon Thai

Sample ID: BIA240514S0021
Strain: 0256-3

Matrix: Plant
Type: Flower - Cured
Sample Size: 5 g
Lot#:

Produced:
Collected:
Received: 05/14/2024
Completed: 05/23/2024
Batch#:

Client
Pine Rock LLC
Lic. # SCLT0256
1579 E. Brighton Rd.
Island Pond, VT 05846

Terpenes

Completed

Analyte	LOQ mg/g	Results mg/g	Results %
Terpinolene	0.010	14.553	1.455
β-Myrcene	0.010	5.429	0.543
Limonene	0.010	4.916	0.492
β-Pinene	0.010	4.832	0.483
β-Caryophyllene	0.010	2.678	0.268
α-Pinene	0.010	2.246	0.225
α-Humulene	0.010	1.468	0.147
α-Terpinene	0.010	1.214	0.121
γ-Terpinene	0.010	0.825	0.083
Linalool	0.010	0.330	0.033
Eucalyptol	0.010	0.195	0.020
Camphene	0.010	0.103	0.010
Caryophyllene Oxide	0.010	0.056	0.006
Geraniol	0.010	0.048	0.005
α-Bisabolol	0.010	0.022	0.002
3-Carene	0.010	<LOQ	<LOQ
cis-Nerolidol	0.010	<LOQ	<LOQ
Guaiol	0.010	<LOQ	<LOQ
Isopulegol	0.010	<LOQ	<LOQ
Ocimene	0.010	<LOQ	<LOQ
p-Cymene	0.010	<LOQ	<LOQ
trans-Nerolidol	0.010	<LOQ	<LOQ
Total		**38.916**	**3.892**

Primary Aromas

Turpentine	Hops	Orange	Pine	Cinnamon

Analyst: 048

LOQ = The lowest quantity this method can reliably detect. Any terpene that was not detected is assumed to be less than the stated LOQ (<LOQ).
Terpene Methodology: Headspace Sampler, Gas Chromatography-Mass Spectrometry (GC-MS), using Perkin Elmer Clarus® SQ8 GC MS
Reagent Blanks: < LOQs for all analytes
All results reflect dry weight of material, based on % moisture of the sample.
All moisture analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.

Luke E-m
Luke Emerson-Mason
Laboratory Director
05/23/2024

Bia Diagnostics Laboratories

Bia Diagnostics
480 Hercules Drive Suite 101
Colchester, VT 05446

(802) 540-0148
https://www.biadiagnostics.com/
Lic#

Lemon Thai

Sample ID: BIA240514S0021
Strain: 0256-3

Matrix: Plant
Type: Flower - Cured
Sample Size: 5 g
Lot#:

Produced:
Collected:
Received: 05/14/2024
Completed: 05/23/2024
Batch#:

Client
Pine Rock LLC
Lic. # SCLT0256
1579 E. Brighton Rd.
Island Pond, VT 05846

Pathogens   Completed

Pathogens	LOD	Results
	CFU/g	CFU/g
Aspergillus	5	Not Detected
Shiga Toxin E. Coli	5	Not Detected
Salmonella SPP	5	Not Detected

Analyst: 049
Test Methodology: Bio-Rad IQ-Check PCR Kits
cfu/g = colony forming units per gram
LOD = The lowest quantity that this method can reliably detect. Any microbial growth that was not detected is assumed to be less than the stated LOD (<LOD).
Reagent Blanks: <LOD for all analytes

Luke Emerson-Mason
Laboratory Director
05/23/2024

Confident LIMS
All Rights Reserved
coa.support@confidentlims.com
(866) 506-5866
www.confidentlims.com

confident