

7.08

Sample ID: BIA241003S0007
Strain: Kimo

Produced:
Collected:
Received: 10/03/2024
Completed: 10/23/2024
Batch#:

Client
Clovis LLC
Lic. # CLTV0099
506 Marcoux Rd
Hyde Park, VT 05655

Matrix: Plant
Type: Flower - Cured
Sample Size: 6.09 g
Lot#:



Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	10/04/2024	Complete
Moisture	10/04/2024	10.10% - Complete
Water Activity	10/04/2024	0.498 aw - Complete
Terpenes	10/22/2024	Complete
Microbials	10/10/2024	Complete

Cannabinoids

Completed

22.12% Total THC	0.07% Total CBD	26.69% Total Cannabinoids
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Analyte	LOQ	Results	Results	Mass
	mg/g	%	mg/g	mg/serving
CBDVa	0.0005	<LOQ	<LOQ	
CBDV	0.0012	<LOQ	<LOQ	
CBDa	0.0008	0.08	0.8	
CBGa	0.0008	1.32	13.2	
CBG	0.0019	0.14	1.4	
CBD	0.0019	<LOQ	<LOQ	
THCV	0.0021	<LOQ	<LOQ	
CBN	0.0013	<LOQ	<LOQ	
Δ9-THC	0.0020	0.56	5.6	
Δ8-THC	0.0019	<LOQ	<LOQ	
Δ10-THC	0.0002	<LOQ	<LOQ	
CBC	0.0024	<LOQ	<LOQ	
THCa	0.0034	24.58	245.8	
Total THC		22.12	221.24	
Total CBD		0.07	0.72	
Total		26.69	266.88	0.00

Analyst: 048

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:

Total THC = (THCA x 0.877) + 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 and water activity analysis is determined by dewpoint measurement using an AQUALAB water activity meter.




Luke Emerson-Mason
Laboratory Director
10/23/2024

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(866) 506-5866
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Terpenes

Completed

Analyte	LOQ	Results	Results
	mg/g	mg/g	%
β-Myrcene	0.010	3.822	0.382
Limonene	0.010	3.346	0.335
β-Caryophyllene	0.010	2.287	0.229
Ocimene	0.010	1.655	0.165
α-Humulene	0.010	1.100	0.110
Linalool	0.010	1.050	0.105
β-Pinene	0.010	0.748	0.075
α-Pinene	0.010	0.393	0.039
α-Bisabolol	0.010	0.086	0.009
Camphene	0.010	0.060	0.006
Terpinolene	0.010	0.051	0.005
Guaiol	0.010	0.035	0.003
Caryophyllene Oxide	0.010	0.022	0.002
3-Carene	0.010	<LOQ	<LOQ
α-Terpinene	0.010	<LOQ	<LOQ
cis-Nerolidol	0.010	<LOQ	<LOQ
Eucalyptol	0.010	<LOQ	<LOQ
γ-Terpinene	0.010	<LOQ	<LOQ
Geraniol	0.010	<LOQ	<LOQ
Isopulegol	0.010	<LOQ	<LOQ
p-Cymene	0.010	<LOQ	<LOQ
trans-Nerolidol	0.010	<LOQ	<LOQ
Total		14.656	1.466

Primary Aromas



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.

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Pathogens

Completed

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

Analyst: 018

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




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