![Bia Diagnostics Laboratories logo]

Bia Diagnostics
480 Hercules Drive Suite 101
Colchester, VT 05446

(802) 540-0148
https://www.biadiagnostics.com/
Lic# TLAB0029

Pesticide Composite

Sample ID: BIA240802S0003
Strain: Lot 15 SG, BB

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

Produced:
Collected:
Received: 08/02/2024
Completed: 08/08/2024
Batch#:

Client
Honey Tree Farm
Lic. # SCLT0126
19 Upper Usle Rd
Bare, VT 05641

Pesticides

Completed

Category 1 Pesticides	LOQ	Results
	PPM	PPM
Chlorpyrifos	0.0010	<LOQ
Imazalil	0.0010	<LOQ

Category 2 Pesticides	LOQ	Results
	PPM	PPM
Abamectin	0.0100	<LOQ
Acephate	0.0010	<LOQ
Acequinocyl	0.0010	<LOQ
Azoxystrobin	0.0010	<LOQ
Bifenazate	0.0010	<LOQ
Bifenthrin	0.0010	<LOQ
Carbaryl	0.0010	<LOQ
Cypermethrin	0.0100	<LOQ
Etoxazole	0.0010	<LOQ
Imidacloprid	0.0010	<LOQ
Myclobutanil	0.0010	<LOQ
Spinosyn A	0.0010	<LOQ
Spinosyn D	0.0010	<LOQ

Analyst: 048

Pesticides Methodology: Liquid Chromatography with Tandem Mass Spectrometry using PerkinElme QSight® LX50 UHPLC and QSight 220 Mass Spectrometer
LOQ = The lowest quantity this method can reliably detect. Any pesticide or mycotoxins that was not detected is assumed to be less than the stated LOQ (<LOQ).
ppm = parts per million
All moisture analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.

Luke Emerson-Mason
Laboratory Director
08/08/2024

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Bruce Banner

Sample ID: BIA240802S0002
Strain: Lot 15-1

Matrix: Plant
Type: Flower - Cured
Sample Size: 4 g
Lot#:

Produced:
Collected:
Received: 08/02/2024
Completed: 08/08/2024
Batch#:

Client
Honey Tree Farm
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19 Upper Usle Rd
Bare, VT 05641

Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	08/06/2024	Complete
Moisture	08/05/2024	10.40% - Complete
Water Activity	08/05/2024	0.519 aw - Complete
Terpenes	08/06/2024	Complete
Microbials	08/08/2024	Complete

Cannabinoids
Completed

20.16% Total THC	**0.07%** Total CBD	**23.66%** Total Cannabinoids

Analyte	LOQ mg/g	Results %	Results mg/g	Mass mg/serving	
CBDVa	0.0005	<LOQ	<LOQ		
CBDV	0.0012	<LOQ	<LOQ		
CBDa	0.0008	0.08	0.8		
CBGa	0.0008	0.49	4.9		
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	0.31	3.1		
Δ8-THC	0.0019	<LOQ	<LOQ		
Δ10-THC	0.0002	<LOQ	<LOQ		
CBC	0.0024	<LOQ	<LOQ		
THCa	0.0034	22.64	226.4		
Total THC		**20.16**	**201.63**		
Total CBD		**0.07**	**0.69**		
Total		**23.66**	**236.60**	**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
08/08/2024

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QA Testing

2 of 3

Bruce Banner

Sample ID: BIA240802S0002
Strain: Lot 15-1

Matrix: Plant
Type: Flower - Cured
Sample Size: 4 g
Lot#:

Produced:
Collected:
Received: 08/02/2024
Completed: 08/08/2024
Batch#:

Client
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Terpenes

Completed

Analyte	LOQ mg/g	Results mg/g	Results %
β-Myrcene	0.010	17.906	1.791
Linalool	0.010	2.577	0.258
Limonene	0.010	2.209	0.221
β-Caryophyllene	0.010	1.996	0.200
β-Pinene	0.010	1.747	0.175
α-Humulene	0.010	1.660	0.166
α-Pinene	0.010	0.866	0.087
Camphene	0.010	0.132	0.013
Terpinolene	0.010	0.082	0.008
α-Bisabolol	0.010	0.032	0.003
Caryophyllene Oxide	0.010	0.021	0.002
γ-Terpinene	0.010	0.015	0.002
Eucalyptol	0.010	0.014	0.001
3-Carene	0.010	<LOQ	<LOQ
α-Terpinene	0.010	<LOQ	<LOQ
cis-Nerolidol	0.010	<LOQ	<LOQ
Geraniol	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		**29.258**	**2.926**

Primary Aromas

Hops	Lavender	Orange	Cinnamon	Pine

Analyst: 045

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.

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Laboratory Director
08/08/2024

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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: 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

Luke E-M

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Laboratory Director
08/08/2024

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