

LOT124 Motorbreath

 Sample ID: BIA240429S0003
 Strain: LOT124MB

 Produced:
 Collected:
 Received: 04/30/2024
 Completed: 05/09/2024
 Batch#:

 Client
High Priestess
 Lic. # Sclt0224
 PO Box 1978
 Brattleboro, VT 05302

 Matrix: Plant
 Type: Flower - Cured
 Sample Size: 5.2 g
 Lot#:


Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	05/02/2024	Complete
Moisture	05/01/2024	12.60% - Complete
Water Activity	05/01/2024	0.567 aw - Complete
Terpenes	05/02/2024	Complete
Microbials	05/09/2024	Complete

Cannabinoids

Completed

22.14% Total THC	0.06% Total CBD	26.31% 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	0.07	0.7	
CBGa	0.0008	0.98	9.8	
CBG	0.0019	0.07	0.7	
CBD	0.0019	<LOQ	<LOQ	
THCV	0.0021	<LOQ	<LOQ	
CBN	0.0013	<LOQ	<LOQ	
Δ9-THC	0.0020	0.35	3.5	
Δ8-THC	0.0019	<LOQ	<LOQ	
THCa	0.0034	24.84	248.4	
CBC	0.0024	<LOQ	<LOQ	
Total THC		22.14	221.35	
Total CBD		0.06	0.61	
Total		26.31	263.11	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:

$$\text{Total THC} = (\text{THCa} \times 0.877) + \Delta 9\text{-THC}$$

$$\text{Total CBD} = (\text{CBDA} \times 0.877) + \text{CBD Reagent}$$

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 Emerson-Mason
 Laboratory Director
 05/09/2024

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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	10.735	1.073
Limonene	0.010	6.039	0.604
β-Caryophyllene	0.010	3.708	0.371
Linalool	0.010	2.079	0.208
β-Pinene	0.010	1.546	0.155
α-Humulene	0.010	1.136	0.114
α-Pinene	0.010	0.781	0.078
Geraniol	0.010	0.165	0.017
Camphene	0.010	0.138	0.014
Terpinolene	0.010	0.098	0.010
α-Bisabolol	0.010	0.073	0.007
Caryophyllene Oxide	0.010	0.015	0.002
γ-Terpinene	0.010	0.015	0.001
3-Carene	0.010	<LOQ	<LOQ
α-Terpinene	0.010	<LOQ	<LOQ
cis-Nerolidol	0.010	<LOQ	<LOQ
Eucalyptol	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		26.528	2.653

Primary Aromas



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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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




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