

HL-SCLT0136-14-MOG

 Sample ID: BIA241126S0039
 Strain: Mustang OG

 Produced:
 Collected:
 Received: 11/27/2024
 Completed: 12/05/2024
 Batch#: HL-SCLT0136-14-MOG

 Client
The Dank Closet
 Lic. # SCLT0136
 3098 Barton-Orleans Rd
 Barton, VT 05822

 Matrix: Plant
 Type: Flower - Cured
 Sample Size: 6.83 g
 Lot#: HL-SCLT0136-14


Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	12/04/2024	Complete
Moisture	11/27/2024	7.70% - Complete
Water Activity	11/27/2024	0.329 aw - Complete
Microbials	12/05/2024	Complete

Cannabinoids

Completed

19.69% Total THC	0.06% Total CBD	23.26% 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	0.70	7.0	
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	0.52	5.2	
Δ8-THC	0.0019	<LOQ	<LOQ	
Δ10-THC	0.0002	0.06	0.6	
CBC	0.0024	<LOQ	<LOQ	
THCa	0.0034	21.85	218.5	
Total THC		19.69	196.89	
Total CBD		0.06	0.58	
Total		23.26	232.63	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:

 $Total\ THC = (THCA \times 0.877) + \Delta 9-THC$
 $Total\ CBD = (CBDA \times 0.877) + CBD\ Reagent$

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
 12/05/2024

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Pathogens

Completed

Pathogens	LOD CFU/g	Results CFU/g
Aspergillus		Not Detected
Shiga Toxin E. Coli		Not Detected
Salmonella SPP		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
12/05/2024

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