Bia Diagnostics
Laboratories

Bia Diagnostics
480 Hercules Drive Suite 101
Colchester, VT 05446

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

6.04

Sample ID: BIA241108S0006
Strain: Lava Cake 41

Matrix: Plant
Type: Flower - Cured
Sample Size: 5.63 g
Lot#:

Produced:
Collected:
Received: 11/08/2024
Completed: 11/15/2024
Batch#:

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

Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	11/13/2024	Complete
Moisture	11/11/2024	9.50% - Complete
Water Activity	11/11/2024	0.458 aw - Complete
Microbials	11/15/2024	Complete

Cannabinoids

Completed

25.13%	0.05%	30.83%
Total THC	Total CBD	Total Cannabinoids

Analyte	LOQ	Results	Results	Mass	
	mg/g	%	mg/g	mg/serving	
CBDVa	0.0005	<LOQ	<LOQ		
CBDV	0.0012	<LOQ	<LOQ		
CBDa	0.0008	0.06	0.6		
CBGa	0.0008	2.14	21.4		
CBG	0.0019	<LOQ	<LOQ		
CBD	0.0019	<LOQ	<LOQ		
THCV	0.0021	<LOQ	<LOQ		
CBN	0.0013	<LOQ	<LOQ		
Δ9-THC	0.0020	0.21	2.1		
Δ8-THC	0.0019	<LOQ	<LOQ		
Δ10-THC	0.0002	<LOQ	<LOQ		
CBC	0.0024	<LOQ	<LOQ		
THCa	0.0034	28.41	284.1		
Total THC		**25.13**	**251.29**		
Total CBD		**0.05**	**0.54**		
Total		**30.83**	**308.27**	**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 and water activity analysis is determined by dewpoint measurement using an AQUALAB water activity meter.

Luke E-m
Luke Emerson-Mason
Laboratory Director
11/15/2024

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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: 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
11/15/2024

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