Bia Diagnostics Laboratories
Bia Diagnostics
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Colchester, VT 05446
(802) 540-0148
https://www.biadiagnostics.com/
Lic# TLAB0029

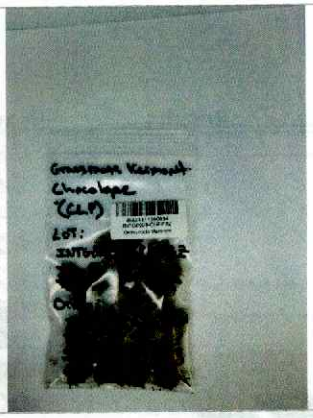
INTG0003-CLP-FBZ

Sample ID: BIA241113S0014
Strain: CHOCOLOPE

Matrix: Plant
Type: Flower - Cured
Sample Size: 7 g
Lot#:

Produced:
Collected:
Received: 11/19/2024
Completed: 11/27/2024
Batch#:

Client
Grassroots Vermont
Lic. # intg0003
84 Lover's Lane
Brandon, VT 05733



Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	11/21/2024	Complete
Moisture	11/20/2024	10.80% - Complete
Water Activity	11/20/2024	0.542 aw - Complete
Terpenes	11/19/2024	Complete
Microbials	11/20/2024	Complete
Pesticides	11/20/2024	Complete

Cannabinoids

Completed

31.57% Total THC	0.09% Total CBD	37.71% 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	0.11	1.1	
CBGa	0.0008	1.50	15.0	
CBG	0.0019	0.09	0.9	
CBD	0.0019	<LOQ	<LOQ	
THCV	0.0021	<LOQ	<LOQ	
CBN	0.0013	<LOQ	<LOQ	
Δ9-THC	0.0020	0.29	2.9	
Δ8-THC	0.0019	<LOQ	<LOQ	
Δ10-THC	0.0002	0.06	0.6	
CBC	0.0024	<LOQ	<LOQ	
THCa	0.0034	35.66	356.6	
Total THC		**31.57**	**315.73**	
Total CBD		**0.09**	**0.93**	
Total		**37.71**	**377.11**	**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:
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 Emerson-Mason
Laboratory Director
11/27/2024