

NIGERIAN SUNSHINE (204)

Sample ID: BIA251215S0390
Strain: hLOT#090025
Harvest Lot:
Matrix: Plant
Type: Flower - Cured
Sample Size: 3.57 g
Lot#:

Produced:
Collected:
Received: 12/15/2025
Completed: 12/19/2025
Batch#:

Client:
BERN LIVING ORGANICS, LLC
Lic. # CLTV0089
PO BOX 3418
BURLINGTON, VT 05408



Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	12/17/2025	Complete
Moisture	12/16/2025	11.60% - Complete
Water Activity	12/16/2025	0.577 aw - Complete

Cannabinoids

Completed

21.81% Total THC					0.07% Total CBD			26.36% Total Cannabinoids			
Analyte	LOQ	Results	Results	Mass	Analyte	LOQ	Results	Results	Mass		
	mg/g	%	mg/g	mg/serving		mg/g	%	mg/g	mg/serving		
CBDVa	0.0003	<LOQ	<LOQ		CBCVa	0.0003	<LOQ	<LOQ			
CBDV	0.0003	<LOQ	<LOQ		CBNa	0.0003	<LOQ	<LOQ			
CBDa	0.0005	0.08	0.8		Δ9-THC	0.0005	0.13	1.3			
CBGa	0.0005	0.45	4.5		Δ8-THC	0.0003	0.05	0.5			
CBG	0.0005	<LOQ	<LOQ		Δ10-THC*	0.0002	0.12	1.2			
CBD	0.0005	<LOQ	<LOQ		CBL	0.0005	<LOQ	<LOQ			
THCV	0.0003	<LOQ	<LOQ		CBC	0.0003	<LOQ	<LOQ			
CBLV	0.0003	0.06	0.6		THCa	0.0005	24.71	247.1			
CBCV	0.0003	<LOQ	<LOQ		CBCa	0.0006	0.53	5.3			
THCVa	0.0003	0.22	2.2		CBLa	0.0005	<LOQ	<LOQ			
CBN	0.0005	<LOQ	<LOQ		Total THC		21.81	218.08			
					Total CBD		0.07	0.70			
					Total		26.36	263.55	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 and water activity analysis is determined by dewpoint measurement using an AQUALAB water activity meter.

*The result is the sum of delta-10 isomers.




Luke Emerson-Mason
 Laboratory Director
 12/19/2025

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