

Black Kush

Sample ID: BIA251125S0728
 Strain: Black Kush
 Harvest Lot: CLTV0054-54250105
 Matrix: Plant
 Type: Flower - Cured
 Sample Size: 11.7 g
 Lot#:

Produced:
 Collected:
 Received: 11/25/2025
 Completed: 12/05/2025
 Batch#:

Client
Green Mountain Scientific
 Lic. # MANU-0019
 77 Log Yard Drive
 Hardwick, VT 05843



Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	12/02/2025	Complete
Moisture	12/01/2025	12.60% - Complete
Water Activity	12/01/2025	0.622 aw - Complete
Microbials	12/05/2025	Complete

Cannabinoids

Completed

26.93% Total THC					0.10% Total CBD					33.87% Total Cannabinoids				
Analyte	LOQ	Results	Results	Mass	Analyte	LOQ	Results	Results	Mass	Analyte	LOQ	Results	Results	Mass
	mg/g	%	mg/g	mg/serving		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	0.06	0.6						
CBDa	0.0005	0.11	1.1		Δ9-THC	0.0005	0.34	3.4						
CBGa	0.0005	1.40	14.0		Δ8-THC	0.0003	<LOQ	<LOQ						
CBG	0.0005	0.15	1.5		Δ10-THC*	0.0002	<LOQ	<LOQ						
CBD	0.0005	<LOQ	<LOQ		CBL	0.0005	<LOQ	<LOQ						
THCV	0.0003	<LOQ	<LOQ		CBC	0.0003	<LOQ	<LOQ						
CBLV	0.0003	0.04	0.4		THCa	0.0005	30.32	303.2						
CBCV	0.0003	<LOQ	<LOQ		CBCa	0.0006	0.78	7.8						
THCVa	0.0003	0.65	6.5		CBLa	0.0005	<LOQ	<LOQ						
CBN	0.0005	<LOQ	<LOQ		Total THC		26.93	269.31						
					Total CBD		0.10	1.00						
					Total		33.87	338.66	0.00					

Analyst: 052

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
 12/05/2025

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