

HL 043 Cognac Black

 Sample ID: BIA250925S0035
 Strain: HL 043 Cognac Black

 Produced:
 Collected:
 Received: 09/25/2025
 Completed: 10/01/2025
 Batch#: HL 043 Cognac Black

 Client
Forbins Finest
 Lic. # CLTV0087
 21 METRO WAY
 Barre, VT 05641

 Matrix: Plant
 Type: Flower - Cured
 Sample Size: 7.17 g
 Lot#: HL 043 Cognac Black


Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	09/30/2025	Complete
Moisture	09/29/2025	10.40% - Complete
Water Activity	09/29/2025	0.519 aw - Complete

Cannabinoids

Completed

31.03% Total THC					0.09% Total CBD			38.00% 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	0.11	1.1		Δ9-THC	0.0005	0.63	6.3			
CBGa	0.0005	1.49	14.9		Δ8-THC	0.0003	0.05	0.5			
CBG	0.0005	0.11	1.1		Δ10-THC*	0.0002	0.27	2.7			
CBD	0.0005	<LOQ	<LOQ		CBL	0.0005	0.14	1.4			
THCV	0.0003	0.08	0.8		CBC	0.0003	<LOQ	<LOQ			
CBLV	0.0003	<LOQ	<LOQ		THCa	0.0005	34.67	346.7			
CBCV	0.0003	<LOQ	<LOQ		CBCa	0.0006	0.28	2.8			
THCVa	0.0003	0.18	1.8		CBLa	0.0005	<LOQ	<LOQ			
CBN	0.0005	<LOQ	<LOQ		Total THC		31.03	310.33			
					Total CBD		0.09	0.94			
					Total		38.00	380.04	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
 10/01/2025

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