

300mg 1:1 Oil Tincture

Sample ID: BIA251218S0446
Strain: MANU0027-OT0062
Harvest Lot:
Matrix: Ingestible
Type: Tincture
Sample Size: 2 units
Lot#:

Produced:
Collected:
Received: 12/18/2025
Completed: 12/22/2025
Batch#:

Client:
Northeast Kingdom Hemp
Lic. #

 Barton, VT 05822



Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	12/19/2025	Complete

Cannabinoids

Container Size 30mL; Density - 0.937g/mL Completed

1.25 mg/serving Total THC	1.17 mg/serving Total CBD	2.47 mg/serving Total Cannabinoids
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Analyte	LOQ	Results	Results	Mass	Mass	Analyte	LOQ	Results	Results	Mass	Mass
	mg/g	%	mg/g	mg/serving	mg/container		mg/g	%	mg/g	mg/serving	mg/container
CBDVa	0.0003	<LOQ	<LOQ	<LOQ	<LOQ	CBCVa	0.0003	<LOQ	<LOQ	<LOQ	<LOQ
CBDV	0.0003	<LOQ	<LOQ	<LOQ	<LOQ	CBNa	0.0003	<LOQ	<LOQ	<LOQ	<LOQ
CBDa	0.0005	<LOQ	<LOQ	<LOQ	<LOQ	Δ9-THC	0.0005	0.533	5.33	1.25	149.83
CBGa	0.0005	<LOQ	<LOQ	<LOQ	<LOQ	Δ8-THC	0.0003	<LOQ	<LOQ	<LOQ	<LOQ
CBG	0.0005	<LOQ	<LOQ	<LOQ	<LOQ	Δ10-THC*	0.0002	<LOQ	<LOQ	<LOQ	<LOQ
CBD	0.0005	0.501	5.01	1.17	140.72	CBL	0.0005	<LOQ	<LOQ	<LOQ	<LOQ
THCV	0.0003	<LOQ	<LOQ	<LOQ	<LOQ	CBC	0.0003	0.023	0.23	0.05	6.44
CBLV	0.0003	<LOQ	<LOQ	<LOQ	<LOQ	THCa	0.0005	<LOQ	<LOQ	<LOQ	<LOQ
CBCV	0.0003	<LOQ	<LOQ	<LOQ	<LOQ	CBCa	0.0006	<LOQ	<LOQ	<LOQ	<LOQ
THCVa	0.0003	<LOQ	<LOQ	<LOQ	<LOQ	CBLa	0.0005	<LOQ	<LOQ	<LOQ	<LOQ
CBN	0.0005	<LOQ	<LOQ	<LOQ	<LOQ	Total THC		0.53	5.33	1.25	149.83
						Total CBD		0.50	5.01	1.17	140.72
						Total		1.06	10.57	2.47	297.00

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:

Total THC = (THCA × 0.877) + Δ9-THC

Total CBD = (CBDA × 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.

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




Luke Emerson-Mason
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 12/22/2025

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