

NOX Cookies

 Sample ID: BIA251013S0314
 Strain: CLTV024704NC

 Matrix: Plant
 Type: Flower - Cured
 Sample Size: 5.56 g
 Lot#:

 Produced:
 Collected:
 Received: 10/13/2025
 Completed: 10/17/2025
 Batch#:

 Client
Sunset Lake
 Lic. # CLTV0247
 25 Brewer Parkway
 South Burlington, VT 05403


Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	10/14/2025	Complete
Moisture	10/14/2025	8.80% - Complete
Water Activity	10/14/2025	0.412 aw - Complete
Terpenes	10/17/2025	Complete

Cannabinoids

Completed

21.68% Total THC					ND Total CBD					30.99% 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	<LOQ	<LOQ						
CBDa	0.0005	<LOQ	<LOQ		Δ9-THC	0.0005	0.39	3.9						
CBGa	0.0005	3.62	36.2		Δ8-THC	0.0003	<LOQ	<LOQ						
CBG	0.0005	<LOQ	<LOQ		Δ10-THC*	0.0002	<LOQ	<LOQ						
CBD	0.0005	<LOQ	<LOQ		CBL	0.0005	<LOQ	<LOQ						
THCV	0.0003	0.12	1.2		CBC	0.0003	<LOQ	<LOQ						
CBLV	0.0003	<LOQ	<LOQ		THCa	0.0005	24.28	242.8						
CBCV	0.0003	<LOQ	<LOQ		CBCa	0.0006	0.71	7.1						
THCVa	0.0003	1.87	18.7		CBLa	0.0005	<LOQ	<LOQ						
CBN	0.0005	<LOQ	<LOQ		Total THC		21.68	216.85						
					Total CBD		ND	ND	ND					
					Total		30.99	309.91	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
 10/17/2025

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 (866) 506-5866
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Terpenes

Completed

Analyte	LOQ	Results	Results
	mg/g	mg/g	%
Terpinolene	0.010	5.206	0.521
β -Myrcene	0.010	3.000	0.300
Limonene	0.010	2.851	0.285
Linalool	0.010	2.295	0.229
β -Caryophyllene	0.010	2.257	0.226
Ocimene	0.010	2.107	0.211
β -Pinene	0.010	1.709	0.171
3-Carene	0.010	1.364	0.136
α -Pinene	0.010	1.120	0.112
α -Humulene	0.010	0.668	0.067
α -Terpinene	0.010	0.566	0.057
γ -Terpinene	0.010	0.438	0.044
Eucalyptol	0.010	0.161	0.016
Guaiol	0.010	0.063	0.006
α -Bisabolol	0.010	0.054	0.005
Camphene	0.010	0.053	0.005
Caryophyllene Oxide	0.010	0.012	0.001
cis-Nerolidol	0.010	<LOQ	<LOQ
Geraniol	0.010	<LOQ	<LOQ
Isopulegol	0.010	<LOQ	<LOQ
p-Cymene	0.010	<LOQ	<LOQ
trans-Nerolidol	0.010	<LOQ	<LOQ
Total		23.924	2.392

Primary Aromas

 Turpentine	 Hops	 Orange	 Lavender	 Cinnamon
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Analyst: 048

LOQ = The lowest quantity this method can reliably detect. Any terpene that was not detected is assumed to be less than the stated LOQ (<LOQ).

Terpene Methodology: Headspace Sampler, Gas Chromatography-Mass Spectrometry (GC-MS), using Perkin Elmer Clarus® SQ8 GC MS

Reagent Blanks: < LOQs for all analytes

All results reflect dry weight of material, based on % moisture of the sample.

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 10/17/2025

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