



4-Way

Sample ID: BIA25121550381
Strain: HL-CLTV0249-3-flower
Harvest Lot:
Matrix: Plant
Type: Flower - Cured
Sample Size: 4.96 g
Lot#:

Produced:
Collected:
Received: 12/15/2025
Completed: 12/24/2025
Batch#:

Client
Treetop Alliance
Lic. # CLTV0249
1675 Elmore Pond Rd
Wolcott, VT 05680



Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	12/17/2025	Complete
Moisture	12/16/2025	7.90% - Complete
Water Activity	12/16/2025	0.337 aw - Complete
Microbials	12/24/2025	Complete

Cannabinoids

Completed

28.30% Total THC					0.08% Total CBD					34.30% 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		THCa	0.0005	31.66	316.6	
CBDV	0.0003	<LOQ	<LOQ		CBNa	0.0003	0.05	0.5		CBCa	0.0006	0.68	6.8	
CBDa	0.0005	0.09	0.9		Δ 9-THC	0.0005	0.53	5.3		CBLa	0.0005	<LOQ	<LOQ	
CBGa	0.0005	0.81	8.1		Δ 8-THC	0.0003	0.05	0.5		Total THC		28.30	282.96	
CBG	0.0005	0.26	2.6		Δ 10-THC*	0.0002	<LOQ	<LOQ		Total CBD		0.08	0.79	
CBD	0.0005	<LOQ	<LOQ		CBL	0.0005	<LOQ	<LOQ		Total		34.30	343.01	0.00
THCV	0.0003	<LOQ	<LOQ		CBC	0.0003	<LOQ	<LOQ						
CBLV	0.0003	<LOQ	<LOQ		THCa	0.0005	31.66	316.6						
CBCV	0.0003	<LOQ	<LOQ		CBCa	0.0006	0.68	6.8						
THCVa	0.0003	0.16	1.6		CBLa	0.0005	<LOQ	<LOQ						
CBN	0.0005	<LOQ	<LOQ											

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 x 0.877) + Δ 9-THC

Total CBD = (CBDA x 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. Δ 9-THC MU = $\pm 0.005\%$ Total THC MU = $\pm 0.007\%$

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 E-M

Luke Emerson-Mason
Laboratory Director
12/24/2025

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Pathogens

Completed

Pathogens	LOD CFU/g	Results CFU/g
Aspergillus	5	Not Detected
Shiga Toxin E. Coli	5	Not Detected
Salmonella SPP	5	Not Detected

Analyst: 018

Test Methodology: Bio-Rad IQ-Check PCR Kits

cfu/g = colony forming units per gram

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

Reagent Blanks: <LOD for all analytes



Luke E-M

Luke Emerson-Mason
Laboratory Director
12/24/2025

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PC, WM, 4W, HB, AC

Sample ID: BIA251215S0384
Strain: HL-CLTV0249-3-flower
Harvest Lot:
Matrix: Plant
Type: Flower - Cured
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Pesticides

Completed

Category 1 Pesticides	LOD	LOQ	Results
	PPM	PPM	PPM
Chlorpyrifos	0.0003	0.0010	ND
Imazalil	0.0003	0.0010	ND
Category 2 Pesticides	LOD	LOQ	Results
	PPM	PPM	PPM
Abamectin	0.0003	0.0010	ND
Acephate	0.001	0.0050	ND
Acequinocyl	0.0003	0.0010	ND
Azoxystrobin	0.00005	0.0010	ND
Bifenazate	0.0001	0.0010	ND
Bifenthrin	0.0001	0.0010	ND
Carbaryl	0.0001	0.0010	ND
Cypermethrin	0.001	0.0050	ND
Etoxazole	0.0001	0.0010	ND
Imidacloprid	0.00005	0.0010	ND
Myclobutanil	0.0001	0.0010	ND
Pyrethrins	0.001	0.0050	ND
Spinosyn A	0.0001	0.0010	ND
Spinosyn D	0.0003	0.0010	ND

Analyst: 048


Pesticides Methodology: Liquid Chromatography with Tandem Mass Spectrometry using PerkinElme QSight® LX50 UHPLC and QSight 220 Mass Spectrometer

LOQ = The lowest quantity this method can reliably quantify. Any pesticides or mycotoxins that were not quantifiable are less than the stated LOQ (<LOQ).

ppm = parts per million

All moisture and water activity analysis is determined by dewpoint measurement using an AQUALAB water activity meter.

ND = Not Detected (<LOD)

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 Laboratory Director
 12/24/2025

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