

Sour Cherry Diesel

Sample ID: BIA260416S0402
Strain: CLTV0305-35-3
Harvest Lot:
Matrix: Plant
Type: Flower - Cured
Sample Size: 6.27 g
Lot#:

Produced:
Collected:
Received: 04/17/2026
Completed: 04/24/2026
Batch#:

Client:
Northeast Kingdom Hemp
Lic. #
A Road
Barton, VT 05822



Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	04/21/2026	Complete
Moisture	04/20/2026	11.00% - Complete
Water Activity	04/20/2026	0.549 aw - Complete
Microbials	04/23/2026	Complete

Cannabinoids

Completed

28.50%			0.09%			34.02%			
Total THC			Total CBD			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	0.10	1.0		Δ9-THC	0.0005	0.10	1.0	
CBGa	0.0005	0.88	8.8		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	<LOQ	<LOQ		THCa	0.0005	32.38	323.8	
CBCV	0.0003	<LOQ	<LOQ		CBCa	0.0006	0.22	2.2	
THCVa	0.0003	0.20	2.0		CBLa	0.0005	<LOQ	<LOQ	
CBN	0.0005	<LOQ	<LOQ		Total THC		28.50	284.95	
					Total CBD		0.09	0.87	
					Total		34.02	340.23	0.00

Analyst: 063

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
 04/24/2026

 Confident LIMS
 All Rights Reserved
coa.support@confidentlims.com
 (866) 506-5866
www.confidentlims.com


Sour Cherry Diesel

Sample ID: BIA260416S0402
Strain: CLTV0305-35-3
Harvest Lot:
Matrix: Plant
Type: Flower - Cured
Sample Size: 6.27 g
Lot#:

Produced:
Collected:
Received: 04/17/2026
Completed: 04/24/2026
Batch#:

Client
Northeast Kingdom Hemp
Lic. #
A Road
Barton, VT 05822

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: 049

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 Emerson-Mason
Laboratory Director
04/24/2026

Confident LIMS
All Rights Reserved
coa.support@confidentlims.com
(866) 506-5866
www.confidentlims.com

