

Harvest Lot 9

Sample ID: BIA250912S0033
 Strain: Grape Cream Cake F2

Produced:
 Collected:
 Received: 09/12/2025
 Completed: 09/19/2025
 Batch#:

Client
Trufella
 Lic. # sclt0244
 187 Stoneshed Rd
 South Ryegate, VT 05069

Matrix: Plant
 Type: Flower - Cured
 Sample Size: 5.22 g
 Lot#:



Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	09/16/2025	Complete
Moisture	09/12/2025	11.20% - Complete
Water Activity	09/12/2025	0.559 aw - Complete
Terpenes	09/15/2025	Complete
Microbials	09/19/2025	Complete

Cannabinoids

Completed

28.26%					0.08%			34.58%				
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	0.09	0.9		Δ9-THC	0.0005	0.39	3.9				
CBGa	0.0005	1.50	15.0		Δ8-THC	0.0003	<LOQ	<LOQ				
CBG	0.0005	0.16	1.6		Δ10-THC*	0.0002	<LOQ	<LOQ				
CBD	0.0005	<LOQ	<LOQ		CBL	0.0005	<LOQ	<LOQ				
THCV	0.0003	0.08	0.8		CBC	0.0003	<LOQ	<LOQ				
CBLV	0.0003	0.08	0.8		THCa	0.0005	31.78	317.8				
CBCV	0.0003	<LOQ	<LOQ		CBCa	0.0006	0.23	2.3				
THCVa	0.0003	0.28	2.8		CBLa	0.0005	<LOQ	<LOQ				
CBN	0.0005	<LOQ	<LOQ		Total THC		28.26	282.60				
					Total CBD		0.08	0.79				
					Total		34.58	345.79	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
 09/19/2025

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Terpenes

Completed

Analyte	LOQ	Results	Results
	mg/g	mg/g	%
β-Myrcene	0.010	5.915	0.592
Limonene	0.010	4.349	0.435
β-Caryophyllene	0.010	4.087	0.409
Ocimene	0.010	2.623	0.262
Linalool	0.010	1.968	0.197
α-Humulene	0.010	1.707	0.171
β-Pinene	0.010	0.834	0.083
α-Pinene	0.010	0.394	0.039
Guaiol	0.010	0.089	0.009
Terpinolene	0.010	0.076	0.008
Eucalyptol	0.010	0.051	0.005
α-Bisabolol	0.010	0.040	0.004
Camphene	0.010	0.029	0.003
γ-Terpinene	0.010	0.016	0.002
α-Terpinene	0.010	0.012	0.001
Caryophyllene Oxide	0.010	0.011	0.001
3-Carene	0.010	0.011	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		22.212	2.221

Primary Aromas



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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Pathogens

Completed

Pathogens	LOD	Results
	CFU/g	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




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