

0203-17-03

Sample ID: BIA251021S0648
 Strain: animal tsunami
 Harvest Lot:
 Matrix: Plant
 Type: Flower - Cured
 Sample Size: 7.11 g
 Lot#:

Produced:
 Collected:
 Received: 10/21/2025
 Completed: 10/28/2025
 Batch#:

Client
cloud 9
 Lic. #
 4082 Noyestar Rd
 East Hardwick, VT 05836



Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	10/22/2025	Complete
Moisture	10/22/2025	10.30% - Complete
Water Activity	10/22/2025	0.514 aw - Complete
Terpenes	10/24/2025	Complete
Microbials	10/24/2025	Complete

Cannabinoids

Completed

26.93% Total THC				0.09% Total CBD				32.23% Total Cannabinoids			
Analyte	LOQ	Results	Mass	Analyte	LOQ	Results	Mass	Analyte	LOQ	Results	Mass
	mg/g	%	mg/g		mg/g	%	mg/g		mg/g	%	mg/g
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	0.91	9.1				
CBGa	0.0005	0.31	3.1	Δ8-THC	0.0003	<LOQ	<LOQ				
CBG	0.0005	<LOQ	<LOQ	Δ10-THC*	0.0002	0.60	6.0				
CBD	0.0005	<LOQ	<LOQ	CBL	0.0005	<LOQ	<LOQ				
THCV	0.0003	<LOQ	<LOQ	CBC	0.0003	<LOQ	<LOQ				
CBLV	0.0003	0.06	0.6	THCa	0.0005	29.67	296.7				
CBCV	0.0003	<LOQ	<LOQ	CBCa	0.0006	0.42	4.2				
THCVA	0.0003	0.16	1.6	CBLa	0.0005	<LOQ	<LOQ				
CBN	0.0005	<LOQ	<LOQ	Total THC		26.93	269.32				
				Total CBD		0.09	0.85				
				Total		32.23	322.30				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. $\Delta 9\text{-THC MU} = \pm 0.005\%$ $\text{Total THC MU} = \pm 0.007\%$

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 Emerson-Mason
 Laboratory Director
 10/28/2025

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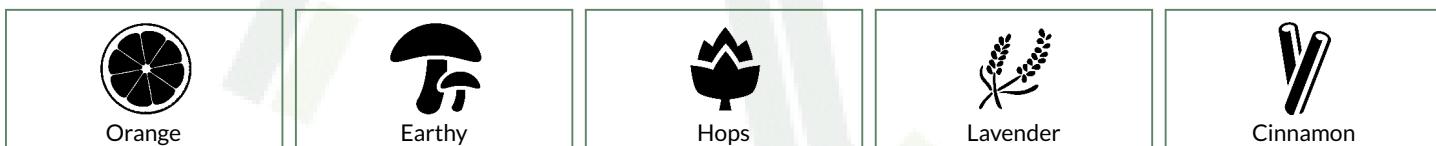
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Terpenes

Completed

Analyte	LOQ	Results	Results
	mg/g	mg/g	%
Limonene	0.010	3.752	0.375
Ocimene	0.010	3.258	0.326
β-Myrcene	0.010	2.853	0.285
Linalool	0.010	2.752	0.275
β-Caryophyllene	0.010	2.213	0.221
β-Pinene	0.010	2.144	0.214
α-Pinene	0.010	1.918	0.192
α-Humulene	0.010	0.764	0.076
Terpinolene	0.010	0.327	0.033
Camphene	0.010	0.309	0.031
Guaiol	0.010	0.049	0.005
α-Bisabolol	0.010	0.029	0.003
γ-Terpinene	0.010	0.026	0.003
α-Terpinene	0.010	0.018	0.002
Caryophyllene Oxide	0.010	0.012	0.001
3-Carene	0.010	0.012	0.001
cis-Nerolidol	0.010	<LOQ	<LOQ
Eucalyptol	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		20.435	2.043

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.

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



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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: 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




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