

Snake Bitez

Sample ID: BIA241118S0021
 Strain: HL-SCLT0301-002-SB002

Matrix: Plant
 Type: Flower - Cured
 Sample Size: 6 g
 Lot#:

Produced:
 Collected:
 Received: 11/18/2024
 Completed: 11/22/2024
 Batch#:

Client
1791 Star Cannabis
 Lic. # Sclt0301
 P.o Box 156
 South Ryegate, VT 05069



Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	11/21/2024	Complete
Moisture	11/19/2024	10.00% - Complete
Water Activity	11/19/2024	0.491 aw - Complete
Terpenes	11/19/2024	Complete
Microbials	11/21/2024	Complete

Cannabinoids

Completed

17.57%		ND		20.73%	
Total THC		Total CBD		Total Cannabinoids	
Analyte	LOQ	Results	Results	Mass	
	mg/g	%	mg/g	mg/serving	
CBDVa	0.0005	<LOQ	<LOQ		
CBDV	0.0012	<LOQ	<LOQ		
CBDa	0.0008	<LOQ	<LOQ		
CBGa	0.0008	0.65	6.5		
CBG	0.0019	0.07	0.7		
CBD	0.0019	<LOQ	<LOQ		
THCV	0.0021	<LOQ	<LOQ		
CBN	0.0013	<LOQ	<LOQ		
Δ9-THC	0.0020	0.15	1.5		
Δ8-THC	0.0019	<LOQ	<LOQ		
Δ10-THC	0.0002	<LOQ	<LOQ		
CBC	0.0024	<LOQ	<LOQ		
THCa	0.0034	19.86	198.6		
Total THC		17.57	175.66		
Total CBD		ND	ND	ND	
Total		20.73	207.31	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.




Luke Emerson-Mason
 Laboratory Director
 11/22/2024

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 (866) 506-5866
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Terpenes

Completed

Analyte	LOQ	Results	Results
	mg/g	mg/g	%
Limonene	0.010	5.955	0.596
Ocimene	0.010	5.300	0.530
β -Caryophyllene	0.010	3.624	0.362
β -Pinene	0.010	1.879	0.188
β -Myrcene	0.010	1.863	0.186
α -Humulene	0.010	1.780	0.178
α -Pinene	0.010	1.640	0.164
Linalool	0.010	0.619	0.062
Camphene	0.010	0.203	0.020
Isopulegol	0.010	0.166	0.017
Terpinolene	0.010	0.102	0.010
Eucalyptol	0.010	0.043	0.004
α -Bisabolol	0.010	0.029	0.003
Caryophyllene Oxide	0.010	0.026	0.003
Geraniol	0.010	0.023	0.002
γ -Terpinene	0.010	0.016	0.002
α -Terpinene	0.010	0.014	0.001
3-Carene	0.010	<LOQ	<LOQ
cis-Nerolidol	0.010	<LOQ	<LOQ
Guaiol	0.010	<LOQ	<LOQ
p-Cymene	0.010	<LOQ	<LOQ
trans-Nerolidol	0.010	<LOQ	<LOQ
Total		23.281	2.328

Primary Aromas

 Orange	 Earthy	 Cinnamon	 Pine	 Hops
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Analyst: 045

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 CFU/g	Results CFU/g
Aspergillus	5	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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