

4260-1

 Sample ID: BIA240925S0005
 Strain: Hawaiian Snow Cone

 Produced:
 Collected:
 Received: 09/25/2024
 Completed: 10/04/2024
 Batch#:

 Client
Emerald Visions
 Lic. # CLTV0238
 2348 Vt Rt 78
 Alburgh, VT 05440

 Matrix: Plant
 Type: Flower - Cured
 Sample Size: 3.47 g
 Lot#:


Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	10/02/2024	Complete
Moisture	09/26/2024	10.30% - Complete
Water Activity	09/26/2024	0.514 aw - Complete
Terpenes	09/26/2024	Complete

Cannabinoids

Completed

24.54% Total THC	0.07% Total CBD	28.99% Total Cannabinoids
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Analyte	LOQ	Results	Results	Mass
	mg/g	%	mg/g	mg/serving
CBDVa	0.0005	<LOQ	<LOQ	
CBDV	0.0012	<LOQ	<LOQ	
CBDa	0.0008	0.08	0.8	
CBGa	0.0008	0.91	9.1	
CBG	0.0019	0.08	0.8	
CBD	0.0019	<LOQ	<LOQ	
THCV	0.0021	<LOQ	<LOQ	
CBN	0.0013	<LOQ	<LOQ	
Δ9-THC	0.0020	0.36	3.6	
Δ8-THC	0.0019	<LOQ	<LOQ	
Δ10-THC	0.0002	<LOQ	<LOQ	
CBC	0.0024	<LOQ	<LOQ	
THCa	0.0034	27.57	275.7	
Total THC		24.54	245.37	
Total CBD		0.07	0.68	
Total		28.99	289.93	0.00

Analyst: 048

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:

 $Total\ THC = (THCA \times 0.877) + \Delta 9-THC$
 $Total\ CBD = (CBDA \times 0.877) + CBD\ Reagent$

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. 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
 10/04/2024

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 coa.support@confidentlims.com
 (866) 506-5866
 www.confidentlims.com


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Terpenes

Completed

Analyte	LOQ	Results	Results
	mg/g	mg/g	%
β-Myrcene	0.010	11.680	1.168
β-Caryophyllene	0.010	9.128	0.913
Limonene	0.010	6.318	0.632
Ocimene	0.010	5.370	0.537
Linalool	0.010	4.055	0.406
α-Humulene	0.010	3.497	0.350
β-Pinene	0.010	2.048	0.205
α-Pinene	0.010	1.121	0.112
Terpinolene	0.010	0.302	0.030
Camphene	0.010	0.174	0.017
α-Bisabolol	0.010	0.143	0.014
γ-Terpinene	0.010	0.025	0.002
Caryophyllene Oxide	0.010	0.018	0.002
3-Carene	0.010	0.014	0.001
α-Terpinene	0.010	<LOQ	<LOQ
cis-Nerolidol	0.010	<LOQ	<LOQ
Eucalyptol	0.010	<LOQ	<LOQ
Geraniol	0.010	<LOQ	<LOQ
Guaiol	0.010	<LOQ	<LOQ
Isopulegol	0.010	<LOQ	<LOQ
p-Cymene	0.010	<LOQ	<LOQ
trans-Nerolidol	0.010	<LOQ	<LOQ
Total		43.894	4.389

Primary Aromas

 Hops	 Cinnamon	 Orange	 Earthy	 Lavender
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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.

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




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 10/04/2024

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