

Strawberry Lemonade

 Sample ID: BIA241101S0040
 Strain: Harvest Lot SCLT0291-0009

 Matrix: Plant
 Type: Flower - Cured
 Sample Size: 4.85 g
 Lot#:

 Produced:
 Collected:
 Received: 11/01/2024
 Completed: 11/08/2024
 Batch#:

 Client
The Farm at Bolton Dome LLC
 Lic. # SCLT0291
 122 Champ Lane
 Bolton, VT 05676


Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	11/05/2024	Complete
Moisture	11/05/2024	10.10% - Complete
Water Activity	11/05/2024	0.501 aw - Complete
Terpenes	11/06/2024	Complete

Cannabinoids

Completed

22.50%		0.06%		29.12%	
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	0.07	0.7		
CBGa	0.0008	3.42	34.2		
CBG	0.0019	<LOQ	<LOQ		
CBD	0.0019	<LOQ	<LOQ		
THCV	0.0021	<LOQ	<LOQ		
CBN	0.0013	<LOQ	<LOQ		
Δ9-THC	0.0020	0.14	1.4		
Δ8-THC	0.0019	<LOQ	<LOQ		
Δ10-THC	0.0002	<LOQ	<LOQ		
CBC	0.0024	<LOQ	<LOQ		
THCa	0.0034	25.50	255.0		
Total THC		22.50	224.99		
Total CBD		0.06	0.61		
Total		29.12	291.24	0.00	

Analyst:
 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
 11/08/2024

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Terpenes

Completed

Analyte	LOQ	Results	Results
	mg/g	mg/g	%
Limonene	0.010	5.208	0.521
β-Caryophyllene	0.010	3.798	0.380
Ocimene	0.010	2.785	0.278
β-Myrcene	0.010	2.536	0.254
α-Humulene	0.010	1.543	0.154
Linalool	0.010	0.949	0.095
β-Pinene	0.010	0.770	0.077
α-Pinene	0.010	0.457	0.046
Terpinolene	0.010	0.085	0.008
Camphene	0.010	0.080	0.008
Eucalyptol	0.010	0.034	0.003
α-Bisabolol	0.010	0.015	0.001
3-Carene	0.010	<LOQ	<LOQ
α-Terpinene	0.010	<LOQ	<LOQ
Caryophyllene Oxide	0.010	<LOQ	<LOQ
cis-Nerolidol	0.010	<LOQ	<LOQ
γ-Terpinene	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		18.258	1.826

Primary Aromas

 Orange	 Cinnamon	 Earthy	 Hops	 Lavender
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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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 11/08/2024

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