

Mint Cake

 Sample ID: BIA241018S0009
 Strain: SCLT0155-14

 Matrix: Plant
 Type: Flower - Cured
 Sample Size: 8.39 g
 Lot#:

 Produced:
 Collected:
 Received: 10/18/2024
 Completed: 10/24/2024
 Batch#:

 Client
Smugglers Notch Cannabis
 Lic. # SCLT0155
 662 Irish Settlement Rd
 Underhill, VT 05489


Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	10/22/2024	Complete
Moisture	10/21/2024	10.00% - Complete
Water Activity	10/21/2024	0.493 aw - Complete
Terpenes	10/24/2024	Complete
Microbials	10/24/2024	Complete

Cannabinoids

Completed

20.47% Total THC		0.04% Total CBD		26.60% 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	0.05	0.5		
CBGa	0.0008	3.21	32.1		
CBG	0.0019	<LOQ	<LOQ		
CBD	0.0019	<LOQ	<LOQ		
THCV	0.0021	<LOQ	<LOQ		
CBN	0.0013	<LOQ	<LOQ		
Δ9-THC	0.0020	0.09	0.9		
Δ8-THC	0.0019	<LOQ	<LOQ		
Δ10-THC	0.0002	<LOQ	<LOQ		
CBC	0.0024	<LOQ	<LOQ		
THCa	0.0034	23.24	232.4		
Total THC		20.47	204.74		
Total CBD		0.04	0.43		
Total		26.60	265.95	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
 10/24/2024

 Confident LIMS
 All Rights Reserved
coa.support@confidentlims.com
 (866) 506-5866
www.confidentlims.com


Mint Cake

 Sample ID: BIA241018S0009
 Strain: SCLT0155-14

 Matrix: Plant
 Type: Flower - Cured
 Sample Size: 8.39 g
 Lot#:

 Produced:
 Collected:
 Received: 10/18/2024
 Completed: 10/24/2024
 Batch#:

 Client
Smugglers Notch Cannabis
 Lic. # SCLT0155
 662 Irish Settlement Rd
 Underhill, VT 05489

Terpenes

Completed

Analyte	LOQ	Results	Results
	mg/g	mg/g	%
Limonene	0.010	5.485	0.549
Ocimene	0.010	3.517	0.352
β -Caryophyllene	0.010	3.481	0.348
α -Humulene	0.010	1.383	0.138
Linalool	0.010	1.186	0.119
β -Pinene	0.010	1.036	0.104
α -Pinene	0.010	0.562	0.056
β -Myrcene	0.010	0.429	0.043
Camphene	0.010	0.141	0.014
Terpinolene	0.010	0.061	0.006
Guaiol	0.010	0.043	0.004
Eucalyptol	0.010	0.033	0.003
α -Bisabolol	0.010	0.024	0.002
Caryophyllene Oxide	0.010	0.010	0.001
3-Carene	0.010	<LOQ	<LOQ
α -Terpinene	0.010	<LOQ	<LOQ
cis-Nerolidol	0.010	<LOQ	<LOQ
γ -Terpinene	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		17.392	1.739

Primary Aromas

 Orange	 Earthy	 Cinnamon	 Hops	 Lavender
---	---	---	---	---

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.




 Luke Emerson-Mason
 Laboratory Director
 10/24/2024

 Confident LIMS
 All Rights Reserved
coa.support@confidentlims.com
 (866) 506-5866
www.confidentlims.com


Mint Cake

 Sample ID: BIA241018S0009
 Strain: SCLT0155-14

 Matrix: Plant
 Type: Flower - Cured
 Sample Size: 8.39 g
 Lot#:

 Produced:
 Collected:
 Received: 10/18/2024
 Completed: 10/24/2024
 Batch#:

 Client
Smugglers Notch Cannabis
 Lic. # SCLT0155
 662 Irish Settlement Rd
 Underhill, VT 05489

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




 Luke Emerson-Mason
 Laboratory Director
 10/24/2024

 Confident LIMS
 All Rights Reserved
coa.support@confidentlims.com
 (866) 506-5866
www.confidentlims.com
