



Bia Diagnostics
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L-# SLAB0029

QA Testing

1 of 3

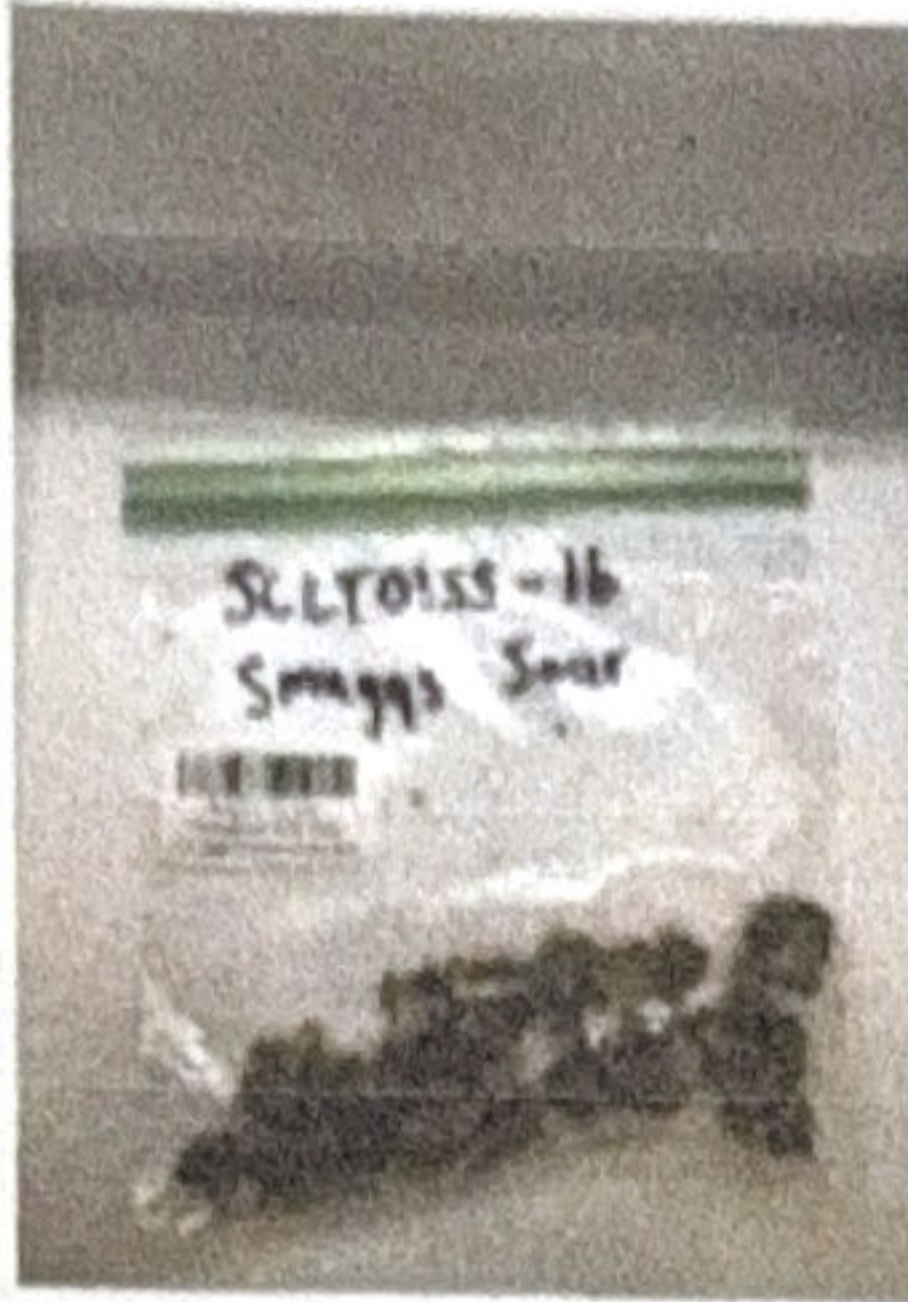
Smugglers Notch Sour

Sample ID: BIA2411150001
Strain: SCLTD155-16

Matrix: Plant
Type: Flower - Cured
Sample Size: 6.23 g
Lot#: 16

Produced:
Collected:
Received: 11/15/2024
Completed: 11/22/2024
Batch#:

Client:
Smugglers Notch Cannabis
Lic. # SCLTD155
662 Irish Settlement Rd
Underhill, VT 05489



Summary

Test	Date Tested	Result
Sample		Complete
Cannabinoids	11/19/2024	Complete
Moisture	11/18/2024	8.70% - Complete
Water Activity	11/18/2024	0.405 aw - Complete
Microbials	11/21/2024	Complete
Pesticides	11/21/2024	Complete

Cannabinoids

Completed

25.98% Total THC	0.07% Total CBD	30.94% 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	1.00	10.0	
CBG	0.0019	0.18	1.8	
CBD	0.0019	<LOQ	<LOQ	
THCV	0.0021	<LOQ	<LOQ	
CBN	0.0013	<LOQ	<LOQ	
Δ9-THC	0.0020	0.34	3.4	
Δ8-THC	0.0019	<LOQ	<LOQ	
Δ10-THC	0.0002	0.10	1.0	
CBC	0.0024	<LOQ	<LOQ	
THCa	0.0034	29.24	292.4	
Total THC		25.98	259.83	
Total CBD		0.07	0.74	
Total		30.94	309.42	0.00

Analyst: OS6
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 x 0.877) + Δ9-THC
Total CBD = (CBDA x 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

Luke Emerson-Mason
Laboratory Director
11/22/2024

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Smugglers Notch Sour

 Sample ID: BIA24112750001
 Strain: SC170155-16

 Produced:
 Collected:
 Received: 11/27/2024
 Completed: 12/03/2024
 Batch#:

 Client:
 Smugglers Notch Cannabis
 Lic. # SC170155
 642 Irish Settlement Rd
 Underhill, VT 05489

 Matrix: Plant
 Type: Flower - Cured
 Sample Size: 2 g
 Lot#:

Terpenes
Completed

Analyte	LOQ	Results	Results
	mg/g	mg/g	%
Limonene	0.010	6.095	0.609
Ocimene	0.010	5.181	0.518
Linalool	0.010	3.644	0.364
β-Myrcene	0.010	2.977	0.298
β-Caryophyllene	0.010	2.318	0.232
β-Pinene	0.010	1.715	0.171
α-Pinene	0.010	0.929	0.093
α-Humulene	0.010	0.847	0.085
Terpinolene	0.010	0.357	0.036
Isopulegol	0.010	0.260	0.026
Camphene	0.010	0.197	0.020
Geraniol	0.010	0.051	0.005
α-Bisabolol	0.010	0.015	0.002
γ-Terpinene	0.010	0.015	0.001
α-Terpinene	0.010	0.014	0.001
3-Carene	0.010	<LOQ	<LOQ
Caryophyllene Oxide	0.010	<LOQ	<LOQ
cis-Nerolidol	0.010	<LOQ	<LOQ
Eucalyptol	0.010	<LOQ	<LOQ
Guaiol	0.010	<LOQ	<LOQ
p-Cymene	0.010	<LOQ	<LOQ
trans-Nerolidol	0.010	<LOQ	<LOQ
Total		24.614	2.461

Primary Aromas

Analyst:

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
 12/03/2024

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Smugglers Notch Sour

Sample ID: BIA24111590001
Strain: SCLT0155-16

Produced:
Collected:
Received 11/15/2024
Completed 11/22/2024
Batch#:

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

Matrix: Plant
Type: Flower - Cured
Sample Size: 6.23 g
Lot#: 16

Pathogens

Completed

Pathogens	LOD CFU/g	Results CFU/g
Aspergillus	5	Not Detected
Shiga Toxin E. Coli	5	Not Detected
Salmonella SPP	5	Not Detected

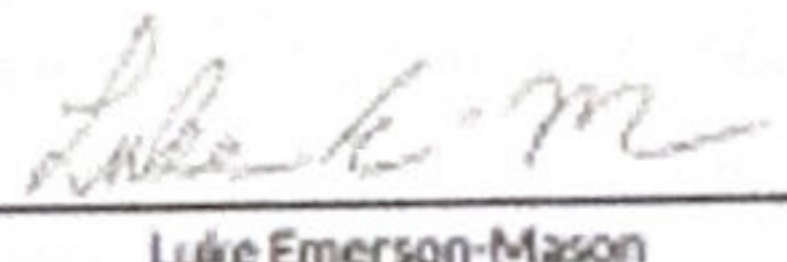
Analyst: 049

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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11/22/2024

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