G3 * · · · · · ·



Certificate of Analysis

Client Name: Pine Rock LLC License Number: SCLT0256

Sample ID: VT10206

Sample Name: Purple Diesel

Sample Lot:

Sample Matrix: Flower Date Received: 5/23/2024 Date Reported: 5/31/2024 Date Tested: 5/30/2024



Total Ca	nnabinoid	3	
The second of th	%	mg/g	
Total THC:	23.027	230.275	
Total CBD:			
Total Cannabinoids:	26.347	263.469	

Total theoretical CBD % = (CBD%) + (CBDA% * 0.877) Total theoretical THC % = (delta-9-THC%) + (THCA% * 0.877)

Potency

Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC; SOP-024-0A) | Test ID: 930543

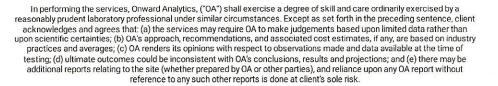
Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0003	0.0040
CBCA	< LOQ	< LOQ	< LOQ	< LOQ	0.0002	0.0040
CBD	ND	ND	ND	ND	0.0008	0.0040
CBDA	ND	ND	ND	ND	0.0002	0.0040
CBDV	ND	ND	ND	ND	0.0008	0.0040
CBDVA	ND	ND	ND	ND	0.0001	0.0040
CBG	ND	ND	ND	ND	0.0009	0.0040
CBGA	0.231	2.31	0.2039	2.039	0.0001	0.0040
CBN	ND	ND	ND	ND	0.0004	0.0040
CBNA	< LOQ	< LOQ	< LOQ	< LOQ	0.0002	0.0040
D8 THC	< LOQ	< LOQ	< LOQ	< LOQ	0.0012	0.0040
D9 THC	1.0068	10.068	0.8885	8.885	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	25.1091	251.091	22.1587	221.587	0.0002	0.0040
THCV	ND	ND	ND	ND	0.0016	0.0049
THCVA	< L00	< L00	< L0Q	< LOQ	0.0002	0.0040

Moisture & Water Activity

PASS

Water Activity and Moisture Content Analysis (SOP-202-OA)

Analyte	Result (%)	Limit	Pass/Fail
Moisture	11.75	13.00	PASS
Water Activity	0.53	0.65	







Certificate of Analysis

Client Name: Pine Rock LLC License Number: SCLT0256

Sample ID: VT10203

Sample Name: Sunshine Daydream

Sample Lot:

Sample Matrix: Flower Date Received: 5/23/2024 Date Reported: 6/7/2024 Date Tested: 6/3/2024



Pathogens

PASS

Microbiological screening utilizing qPCR (SOP-204-0A) | Test ID: #30548

Analyte	Result	Pass/Fa
A. Fumigatus	None Detected	PASS
A. Niger	None Detected	PASS
A. Flavus	None Detected	PASS
A. Terreus	None Detected	PASS
STEC	None Detected	PASS
Salmonella	None Detected	PASS
Salmonella	None Detected	PASS



Callie Chapman Lab Director 6/7/2024



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2 of 3

Purple Diesel

Sample ID: BIA240514S0019 Strain: 0256-3

Matrix: Plant Type: Flower - Cured Sample Size: 5 g Lot#: Produced: Collected: Received: 05/14/2024 Completed: 05/23/2024 Batch#: Client
Pine Rock LLC
Lic. # SCLT0256
1579 E. Brighton Rd.
Island Pond, VT 05846

Terpenes

Completed

Analyte	LOQ	Results	Results
	mg/g	mg/g	%
β-Myrcene	0.010	8.979	0.898
β-Caryophyllene	0.010	4.175	0.417
Limonene	0.010	1.506	0.151
α-Humulene	0.010	1.246	0.125
Linalool	0.010	1.206	0.121
β-Pinene	0.010	0.447	0.045
α-Pinene	0.010	0.184	0.018
Geraniol	0.010	0.112	0.011
Caryophyllene Oxide	0.010	0.067	0.007
α-Bisabolol	0.010	0.035	0.003
Camphene	0.010	0.030	0.003
Terpinolene	0.010	0.029	0.003
3-Carene	0.010	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
α-Terpinene	0.010	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
cis-Nerolidol	0.010	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Eucalyptol	0.010	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
y-Terpinene	0.010	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Guaiol	0.010	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Isopulegol	0.010	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Ocimene	0.010	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
p-Cymene	0.010	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
trans-Nerolidol	0.010	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Total		18.014	1.801

Primary Aromas







Cinnamon



Orange



Lavender



Pine

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 (<math>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 analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.



Luke Emerson-Mason

Luke Emerson-Mason
Laboratory Director





Certificate of Analysis

Client Name: Pine Rock LLC License Number: SCLT0256

Sample ID: VT10206

Sample Name: Purple Diesel

Sample Lot:

Sample Matrix: Flower Date Received: 5/23/2024 Date Reported: 6/7/2024 Date Tested: 6/3/2024



Pathogens Microbiological screening utilizing qPCR (SOP-204-0A) | Test ID: 430551

Analyte	Result	Pass/Fail
A. Fumigatus	None Detected	PASS
A. Niger	None Detected	PASS
A. Flavus	None Detected	PASS
A. Terreus	None Detected	PASS
STEC	None Detected	PASS
Salmonella	None Detected	PASS





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1 of 3

Joseph OG

Sample ID: BIA240514S0022 Strain: 0256-3

Matrix: Plant Type: Flower - Cured Sample Size: 5 g Lot#:

Produced: Collected:

Received: 05/14/2024 Completed: 05/23/2024

Batch#:

Client

Pine Rock LLC Lic. # SCLT0256 1579 E. Brighton Rd. Island Pond, VT 05846



Summary

Summar y		
Test	Date Tested	Result
Sample		Complete
Cannabinoids	05/20/2024	Complete
Moisture	05/16/2024	11.00% - Complete
Water Activity	05/16/2024	0.552 aw - Complete
Terpenes	05/16/2024	Complete
Microbials	05/23/2024	Complete

Cannabinoids

Completed

	.77% al THC		0.07% Total CBD		20.24% Total Cannabinoids
Analyte	LOQ	Results	Results	Mass	
	mg/g	%	mg/g	mg/serving	
CBDVa	0.0005	<loq< td=""><td><loq< td=""><td></td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td></td></loq<>		
CBDV	0.0012	<loq< td=""><td><loq< td=""><td></td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td></td></loq<>		
CBDa	0.0008	0.08	0.8	1	
CBGa	0.0008	1.01	10.1		
CBG	0.0019	0.10	1.0	1	
CBD	0.0019	<loq< td=""><td><loq< td=""><td></td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td></td></loq<>		
THCV	0.0021	<loq< td=""><td><loq< td=""><td></td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td></td></loq<>		
CBN	0.0013	<loq< td=""><td><loq< td=""><td></td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td></td></loq<>		
∆9-THC	0.0020	0.46	4.6		
28-THC	0.0019	<loq< td=""><td><loq< td=""><td>-</td><td></td></loq<></td></loq<>	<loq< td=""><td>-</td><td></td></loq<>	-	
THCa	0.0034	18.59	185.9		
CBC	0.0024	<loq< td=""><td><loq< td=""><td>to the same of the</td><td>THE PROPERTY OF THE PROPERTY O</td></loq<></td></loq<>	<loq< td=""><td>to the same of the</td><td>THE PROPERTY OF THE PROPERTY O</td></loq<>	to the same of the	THE PROPERTY OF THE PROPERTY O
otal THC	5.002	16.77	167.67		
otal CBD		0.07	0.71		
Total		20.24	202.41	0.00	

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: TotalTHC=(THCAx0.877)+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. $\Delta 9$ -THC MU = $\pm 0.005\%$ Total THC MU = $\pm 0.007\%$

All other cannabinoid MU values are available upon request.

All moisture analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.



Luke Emerson-Mason Laboratory Director



2 of 3

Joseph OG

Sample ID: BIA240514S0022 Strain: 0256-3

Matrix: Plant Type: Flower - Cured Sample Size: 5 g Lot#:

Produced: Collected: Received: 05/14/2024 Completed: 05/23/2024 Batch#:

Bia Diagnostics

Client Pine Rock LLC Lic. # SCLT0256 1579 E. Brighton Rd. Island Pond, VT 05846

Terpenes

Completed

Analyte	LOQ	Results	Results
	mg/g	mg/g	%
β-Myrcene	0.010	18.867	1.887
α-Pinene	0.010	3.625	0.363
Ocimene	0.010	2.959	0.296
β-Caryophyllene	0.010	2.427	0.243
Limonene	0.010	2.030	0.203
β-Pinene	0.010	1.312	0.131
Linalool	0.010	0.705	0.070
α-Humulene	0.010	0.689	0.069
α-Bisabolol	0.010	0.136	0.014
Guaiol	0.010	0.129	0.013
Terpinolene	0.010	0.091	0.009
Camphene	0.010	0.054	0.005
Caryophyllene Oxide	0.010	0.045	0.005
y-Terpinene	0.010	0.016	0.002
3-Carene	0.010	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
α-Terpinene	0.010	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
cis-Nerolidol	0.010	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Eucalyptol	0.010	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Geraniol	0.010	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Isopulegol	0.010	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
p-Cymene	0.010	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
trans-Nerolidol	0.010	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Total		33.085	3.309

Primary Aromas











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 analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.



Luke Emerson-Mason

Laboratory Director





Bia Diagnostics Colchester, VT 05446

(802) 540-0148 480 Hercules Drive Suite 101 https://www.biadiagnostics.com/ **QA** Testing

3 of 3

Joseph OG

Sample ID: BIA240514S0022 Strain: 0256-3

Matrix: Plant Type: Flower - Cured Sample Size: 5 g Lot#:

Produced: Collected: Received: 05/14/2024 Completed: 05/23/2024 Batch#:

Client Pine Rock LLC Lic. # SCLT0256 1579 E. Brighton Rd. Island Pond, VT 05846

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: 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

Luke Emerson-Mason Laboratory Director 05/23/2024





Certificate of Analysis

Olio

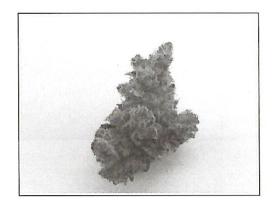
Client Name: Pine Rock LLC License Number: SCLT0256

Sample ID: VT10202

Sample Name: Cream & Sugar

Sample Lot:

Sample Matrix: Flower
Date Received: 5/23/2024
Date Reported: 5/31/2024
Date Tested: 5/30/2024



Total Ca	nnabinoids	3
ALL THE STATE OF T	%	mg/g
Total THC:	24.363	243.629
Total CBD:		
Total Cannabinoids:	30.041	300.406

Total theoretical CBD % = (CBD%) + (CBDA% * 0.877) Total theoretical THC % = (delta-9-THC%) + (THCA% * 0.877)

Potency

Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC; SOP-024-0A) | Test 480535

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0003	0.0040
CBCA	0.2545	2.545	0.2251	2.251	0.0002	0.0040
CBD	< LOQ	< L00	< LOQ	< LOQ	0.0008	0.0040
CBDA	ND	ND	ND	ND	0.0002	0.0040
CBDV	< L00	< LOQ	< LOQ	< LOQ	0.0008	0.0040
CBDVA	ND .	ND	ND	ND	0.0001	0.0040
CBG	< LOQ	< LOQ	< LOQ	< LOQ	0.0009	0.0040
CBGA	1.9239	19.239	1.7019	17.019	0.0001	0.0040
CBN	ND	ND	ND	ND	0.0004	0.0040
CBNA	< L0Q	< LOQ	< LOQ	< LOQ	0.0002	0.0040
D8 THC	ND	ND	ND	ND	0.0012	0.0040
D9 THC	0.5614	5.614	0.4966	4.966	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	27.1397	271.397	24.0078	240.078	0.0002	0.0040
THCV	ND	ND	ND	ND	0.0016	0.0049
THCVA	0.1611	1.611	0.1425	1.425	0.0002	0.0040

Moisture & Water Activity

PASS

Water Activity and Moisture Content Analysis (SOP-202-0A) | Tast ND 430536

Analyte	Result (%)	Limit	Pass/Fail
Moisture	11.54	13.00	PASS
Water Activity	0.51	0.65	

Collif Gen



In performing the services, Onward Analytics, ("OA") shall exercise a degree of skill and care ordinarily exercised by a reasonably prudent laboratory professional under similar circumstances. Except as set forth in the preceding sentence, client acknowledges and agrees that: (a) the services may require OA to make judgements based upon limited data rather than upon scientific certainties; (b) OA's approach, recommendations, and associated cost estimates, if any, are based on industry practices and averages; (c) OA renders its opinions with respect to observations made and data available at the time of testing; (d) ultimate outcomes could be inconsistent with OA's conclusions, results and projections; and (e) there may be additional reports relating to the site (whether prepared by OA or other parties), and reliance upon any OA report without reference to any such other reports is done at client's sole risk.



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Cream & Sugar

Sample ID: BIA240514S0023 Strain: 0256-3

Matrix: Plant Type: Flower - Cured Sample Size: 5 g Lot#: Produced: Collected: Received: 05/14/2024 Completed: 05/23/2024 Batch#:

Pine Rock LLC Lic. # SCLT0256 1579 E. Brighton Rd. Island Pond, VT 05846

Terpenes

Completed

Analyte	LOQ	Results	Results
	mg/g	mg/g	%
β-Myrcene	0.010	5.992	0.599
Limonene	0.010	5.094	0.509
β-Caryophyllene	0.010	4.471	0.447
Linalool	0.010	2.964	0.296
β-Pinene	0.010	1.735	0.173
α-Humulene	0.010	1.323	0.132
α-Pinene	0.010	0.972	0.097
Camphene	0.010	0.220	0.022
Terpinolene	0.010	0.120	0.012
α-Bisabolol	0.010	0.111	0.011
Geraniol	0.010	0.110	0.011
Caryophyllene Oxide	0.010	0.034	0.003
y-Terpinene	0.010	0.019	0.002
3-Carene	0.010	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
α-Terpinene	0.010	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
cis-Nerolidol	0.010	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Eucalyptol	0.010	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Guaiol	0.010	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Isopulegol	0.010	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Ocimene	0.010	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
p-Cymene	0.010	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
trans-Nerolidol	0.010	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Total		23.163	2.316

Primary Aromas











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 (<math>< 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 analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.



Luke Emerson-Mason

Luke Emerson-Mason Laboratory Director 05/23/2024





Certificate of Analysis

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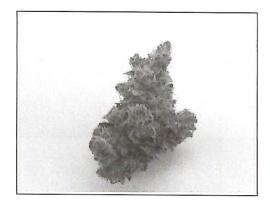
Client Name: Pine Rock LLC License Number: SCLT0256

Sample ID: VT10202

Sample Name: Cream & Sugar

Sample Lot:

Sample Matrix: Flower
Date Received: 5/23/2024
Date Reported: 6/7/2024
Date Tested: 6/3/2024



Pathogens

PASS

Microbiological screening utilizing qPCR (SOP-204-0A)

Result	Pass/Fai
None Detected	PASS
	None Detected None Detected None Detected None Detected







Certificate of Analysis

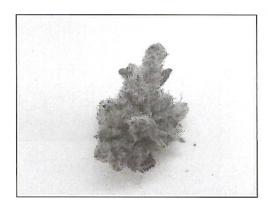
Client Name: Pine Rock LLC License Number: SCLT0256

Sample ID: VT10203

Sample Name: Sunshine Daydream

Sample Lot:

Sample Matrix: Flower Date Received: 5/23/2024 Date Reported: 5/31/2024 Date Tested: 5/30/2024



Total Ca	nnabinoids	5
	%	mg/g
Total THC:	24.012	240.119
Total CBD:		
Total Cannabinoids:	28.727	287.269

Total theoretical CBD % = (CBD%) + (CBDA% * 0.877) Total theoretical THC % = (delta-9-THC%) + (THCA% * 0.877)

Potency

Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC; SOP-024-OA) | Test 10 #3055

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0003	0.0040
CBCA	< LOQ	< LOQ	< LOQ	< LOQ	0.0002	0.0040
CBD	< LOQ	< LOQ	< LOQ	< LOQ	0.0008	0.0040
CBDA	ND	ND	ND	ND	0.0002	0.0040
CBDV	< LOQ	< LOQ	< LOQ	< LOQ	0.0008	0.0040
CBDVA	ND	ND	ND	ND	0.0001	0.0040
CBG	< LOQ	< LOQ	< LOQ	< LOQ	0.0009	0.0040
CBGA	1.3473	13.473	1.1904	11.904	0.0001	0.0040
CBN	ND	ND	ND	ND	0.0004	0.0040
CBNA	ND	ND	ND	ND	0.0002	0.0040
D8 THC	< LOQ	< LOQ	< LOQ	< LOQ	0.0012	0.0040
D9 THC	< LOQ	< LOQ	< LOQ	< LOQ	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	27.3796	273.796	24.1926	241.926	0.0002	0.0040
THCV	ND	ND	ND	ND	0.0016	0.0049
THCVA	< LOQ	< LOQ	< LOQ	< LOQ	0.0002	0.0040

Moisture & Water Activity

PASS

Water Activity and Moisture Content Analysis (SOP-202-0A) | Test 10: #30538

Analyte	Result (%)	Limit	Pass/Fail	
Moisture Water Activity	11.64 0.52	13.00 0.65	PASS	



In performing the services, Onward Analytics, ("OA") shall exercise a degree of skill and care ordinarily exercised by a reasonably prudent laboratory professional under similar circumstances. Except as set forth in the preceding sentence, client acknowledges and agrees that: (a) the services may require OA to make judgements based upon limited data rather than upon scientific certainties; (b) OA's approach, recommendations, and associated cost estimates, if any, are based on industry practices and averages; (c) OA renders its opinions with respect to observations made and data available at the time of testing; (d) ultimate outcomes could be inconsistent with OA's conclusions, results and projections; and (e) there may be additional reports relating to the site (whether prepared by OA or other parties), and reliance upon any OA report without reference to any such other reports is done at client's sole risk.



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2 of 3

Sunshine Daydream

Sample ID: BIA240514S0024 Strain: 0256-3

Matrix: Plant Type: Flower - Cured Sample Size: 5 g Lot#:

Produced: Collected: Received: 05/14/2024 Completed: 05/23/2024

Client Pine Rock LLC Lic. # SCLT0256 1579 E. Brighton Rd. Island Pond, VT 05846

Terpenes

Completed

Analyte	LOQ	Results	Results
	mg/g	mg/g	%
Limonene	0.010	4.563	0.456
β-Myrcene	0.010	4.400	0.440
β-Caryophyllene	0.010	3.905	0.390
β-Pinene	0.010	1.311	0.131
α-Humulene	0.010	1.258	0.126
Linalool	0.010	0.737	0.074
α-Pinene	0.010	0.698	0.070
Camphene	0.010	0.159	0.016
α-Bisabolol	0.010	0.136	0.014
Terpinolene	0.010	0.103	0.010
Geraniol	0.010	0.094	0.009
Caryophyllene Oxide	0.010	0.034	0.003
y-Terpinene	0.010	0.012	0.001
3-Carene	0.010	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
α-Terpinene	0.010	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
cis-Nerolidol	0.010	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Eucalyptol	0.010	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Guaiol	0.010	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Isopulegol	0.010	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Ocimene	0.010	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
p-Cymene	0.010	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
trans-Nerolidol	0.010	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Total		17.409	1.741

Primary Aromas







Hops







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 analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.



Luke Emerson-Mason Laboratory Director 05/23/2024

