

	Certificate of Analysis								
	Company:	Pine Rock		Sample ID:	Cream and Sug	gar			
				Lot:	SCLT0256-1A		Rep	ort Date: 11/6/20	23
				Matrix:	Flower		Date A	Analyzed: 11/3/20	23
	Customer ID:	231023-0		Date Sampled:	N/A			Analyst: 011	
Gr	ower License #:	SCLT0256		Date Received:	10/24/2023		R	Report ID: C231024	AE
			(Cannabinoid S	Summary				
	Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)		26.98%		0.09%	
	CBDVA	0.0005	<loq< td=""><td><loq< td=""><td></td><td>Total THC</td><td></td><td>Total CBD</td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td>Total THC</td><td></td><td>Total CBD</td><td></td></loq<>		Total THC		Total CBD	
	CBDV	0.0012	<loq< td=""><td><loq< td=""><td></td><td></td><td></td><td></td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td></td><td></td><td></td><td></td></loq<>					
	CBDA	0.0008	1.06	0.11					
	CBGA	0.0008	13.45	1.35			-		-
	CBG	0.0019	0.77	0.08		32.24%		0.43%	
	CBD	0.0019	<loq< td=""><td><loq< td=""><td></td><td>52.24/0</td><td></td><td>0.4570</td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td>52.24/0</td><td></td><td>0.4570</td><td></td></loq<>		52.24/0		0.4570	
	тнсv	0.0021	<loq< td=""><td><loq< td=""><td></td><td>Total</td><td></td><td></td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td>Total</td><td></td><td></td><td></td></loq<>		Total			
	CBN	0.0013	<loq< th=""><th><loq< th=""><th></th><th>Cannabinoids</th><th></th><th>Δ9-ΤΗϹ</th><th></th></loq<></th></loq<>	<loq< th=""><th></th><th>Cannabinoids</th><th></th><th>Δ9-ΤΗϹ</th><th></th></loq<>		Cannabinoids		Δ9-ΤΗϹ	
	Δ9-ТНС	0.0020	4.31	0.43			-		
	Δ8-THC	0.0019	<loq< th=""><th><loq< th=""><th></th><th></th><th>-</th><th>-</th><th>_</th></loq<></th></loq<>	<loq< th=""><th></th><th></th><th>-</th><th>-</th><th>_</th></loq<>			-	-	_
	THC-A	0.0034	302.77	30.28		12 700/		1.0	
	СВС	0.0024	<loq< th=""><th><loq< th=""><th></th><th>13.76%</th><th></th><th>1:0</th><th></th></loq<></th></loq<>	<loq< th=""><th></th><th>13.76%</th><th></th><th>1:0</th><th></th></loq<>		13.76%		1:0	
	Total THC		269.84	26.98]	Percent		THC : CBD	



Moisture

Ratio

Luke E.M.

Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

Total CBD 0.93 0.09 **Total Cannabinoids** 322.36 32.24

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) + Δ 9-THC Total CBD = (CBDA x 0.877) + CBD Ratio of Total CBD: Total THC 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. Δ 9-THC MU = ±0.005% Total THC MU = ±0.007%

All other cannabinoid MU values are available upon request.

All moisture analysis is determined by loss-on-drying measurement using OHAUS

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(802) 540-0148 laboratory@biadiagnostics.com Certificate Registration Number: CL 50 2021 002



Customer ID: 231023-0

Grower License #: SCLT0256

Certificate of Analysis

Company: Pine Rock

Sample ID: Cream and Sugar

Lot: SCLT0256-1A Matrix: Flower Date Sampled: N/A

Date Received: 10/24/2023

Report Date: 11/6/2023 Date Analyzed: 11/1/2023 Analyst: 045 Report ID: C231024AE

Terpenes Summary

Terpene	LOQ (mg/g)	Results (mg/g)	Weight (%)
α- Pinene	0.010	1.233	0.123
Camphene	0.010	0.265	0.027
β-Myrcene	0.010	3.398	0.340
b-Pinene	0.010	2.047	0.205
3-Carene	0.010	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
α-Terpinene	0.010	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
Limonene	0.010	4.534	0.453
ρ-Cymene	0.010	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
Ocimene	0.010	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
Eucalyptol	0.010	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
Y-Terpinene	0.010	0.018	0.002
Terpinolene	0.010	0.140	0.014
Linalool	0.010	3.686	0.369
Isopulegol	0.010	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
Geraniol	0.010	0.058	0.006
Caryophyllene	0.010	4.298	0.430
α-Humulene	0.010	1.523	0.152
Trans-Nerolidol	0.010	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
Cis-Nerolidol	0.010	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
Guaiol	0.010	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
Caryophyllene Oxide	0.010	0.017	0.002
α-Bisabolol	0.010	0.035	0.004
Total Terpenes		21.252	2.127

13.76% Percent Moisture 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.



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Certified by: ____

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Luke Emerson Mason (Laboratory Director, Bia Diagnostics)



Company: Pine Rock

Customer ID: 231023-0

Grower License #: SCLT0256

Certificate of Analysis

Sample ID: Cream and Sugar Lot: SCLT0256-1A Matrix: Flower Date Sampled: N/A Date Received: 10/24/2023

Report Date: 11/9/2023 Date Analyzed: 11/9/2023 Analyst: 018 Report ID: C231024AE

Pathogen Summary

Target Pathogens	Method	LOD (cfu/g)	Result (cfu/g)
Aspergillus - flavus, fumigatus, niger, terreus	Aspergillus AOAC PTM No. 032104	5	<lod< td=""></lod<>
STEC	STEC Virx AOAC PTM No. 121203	5	<lod< td=""></lod<>
Salmonella spp.	Salmonella II AOAC PTM No. 010803	5	<lod< td=""></lod<>



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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Certificate of Analysis

Company: Pine Rock

Sample ID: PD, GSC, PBB, CS Lot Lot: SCLT0256-01A

Customer ID: 231023-0 Grower License #: SCLT0256 Matrix: Flower Date Sampled: N/A

Date Received: 10/23/2023

Report Date: 11/6/2023 Date Analyzed: 11/1/2023 Analyst: 048 Report ID: C231023AX

Pesticides/Mycotoxins Summary

Category II Residual Pesticide	LOQ (ppm)	Concentration (ppm)
Abamectin	0.0100	<loq< th=""></loq<>
Acephate	0.0010	<loq< th=""></loq<>
Acequinocyl	0.0010	<loq< th=""></loq<>
Azoxystrobin	0.0010	<loq< th=""></loq<>
Bifenazate	0.0010	<loq< th=""></loq<>
Bifenthrin	0.0010	<loq< th=""></loq<>
Carbaryl	0.0010	<loq< th=""></loq<>
Cypermethrin	0.0100	<loq< th=""></loq<>
Etoxazole	0.0010	<loq< th=""></loq<>
Imidacloprid	0.0010	<loq< th=""></loq<>
Myclobutanil	0.0010	<loq< th=""></loq<>
Pyrethrin I	0.0010	<loq< th=""></loq<>
Pyrethrin II	0.0010	<loq< th=""></loq<>
Spinosyn A	0.0010	<loq< th=""></loq<>
Spinosyn D	0.0010	<loq< th=""></loq<>

Category II Mycotoxin	LOQ (ppm)	Concentration (ppm)	
Ochratoxin A	0.0020	NOT TESTED	
Aflatoxin B1	0.0002	NOT TESTED	
Alfatoxin B2	0.0010	NOT TESTED	
Alfatoxin G1	0.0002	NOT TESTED	
Alfatoxin G2	0.0010	NOT TESTED	

Category I Residual Pesticide	LOQ (ppm)	Concentration (ppm)
Chlorpyrifos	0.0010	<loq< th=""></loq<>
Imazalil	0.0010	<loq< th=""></loq<>



N/A	
Percent Moisture	

LOQ = The lowest quantity this method can reliably detect. Any pesticide or mycotoxins 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.

ppb = parts per billion

Pesticides/Mycotoxin Methodology: Liquid Chromatography with Tandem Mass Spectrometry using PerkinElme QSight® LX50 UHPLC and QSight 220 Mass Spectrometer

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

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Company: Pine Rock

Customer ID: 231023-0 Grower License #: SCLT0256 **Certificate of Analysis**

Sample ID: Cream and Sugar Lot: SCLT0256-1A Matrix: Flower Date Sampled: N/A Date Received: 10/24/2023

Report Date: 11/6/2023 Date Analyzed: 10/31/2023 Analyst: 49 Report ID: C231024AE

Water Activity Summary

Test	Test Method	
Water Activity	ASTM D8196: Determination of Water Activity in Cannabis Flower	0.5395



Test Methodology: Aqualab TDL 2 water activity meter with tunable diode laser

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