

Certificate of Analysis

Sample # 2023-3085
 Lot # Lot 26

bioscisionlabs
 BioScision Pharma Inc.
 26 Henlow Bay,
 Winnipeg, MB R3Y 1G4
 testing@bioscisionlabs.com

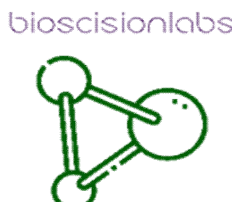
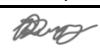
Client:	Bud Mountain Aeroponics 120-10725 74 St SE Calgary, AB T2C 5P5	Licence Number	LIC-IZYC4BWCP7-2021
Attn:	Kevin Cowan	Contact - Email	kevin@budmountain.ca
Sample Type:	Dried Cannabis Flower	- Phone	(403) 710-5653
Lot Number:	Lot 26	Sample Name	Snow Bud
BioScision Sample #	2023-3085	Date Received	16-Aug-2023
Head of Laboratory:	Dr. Brent Guppy, PhD	Date of Report	21-Aug-2023

Report Summary

Total THC	26.24 % w/w	Heavy Metals	Not Detected
Total CBD	< 0.05 % w/w	Pesticides	Not Detected
Total Cannabinoids	29.76 % w/w	Aflatoxins	Not Detected
Total Terpenes	2.634 % w/w	Microbiology	Within Specification
Moisture Content	11.94 % w/w		



Photographed By: SR On: 21-Aug-2023

	Technical Content Reviewed and Approved By: <i>K. Laurencelle</i> Kaelyn Laurencelle, QC Analytical Chemist
	Certificate of Analysis Reviewed and Released By:  Dr. Brent Guppy, Head of Labs
	Date (DD-MMM-YYYY): 21-Aug-2023

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Test	Method	Specification		Result		
Cannabinoid Potency						
		LOD (%w/w)	LOQ (%w/w)	Cannabinoid	mg/g	%w/w
THC / CBD	SOP-QCA-012 HPLC-UV	0.05	0.10	THC	54.1	5.41
		0.05	0.10	THCA	237.5	23.75
Other Cannabinoids		0.05	0.10	CBD	< 0.5	< 0.05
		0.05	0.10	CBDA	< 1.0	< 0.10
		0.05	0.10	CBDV	< 0.5	< 0.05
		0.05	0.10	CBGA	4.6	0.46
		0.05	0.10	CBG	1.4	0.14
		0.05	0.10	THCV	< 0.5	< 0.05
		0.05	0.10	CBN	< 0.5	< 0.05
		0.05	0.10	CBC	< 1.0	< 0.10
Total Cannabinoids				Total THC	262.4	26.24
				Total CBD	< 0.5	< 0.05
				Total Cannabinoid	297.6	29.76
		Total THC = ([THCA] × 0.877) + [THC] Total CBD = ([CBDA] × 0.877) + [CBD]				
Analysis Performed By: MB		On: 17-Aug-2023				



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Test	Method	Specification		Result	
Terpene Potency					
		LOD (%w/w)	LOQ (%w/w)	Terpene	%w/w
Terpenes	SOP-QCA-009 GC-MS	0.002	0.005	beta-Caryophyllene	0.538
		0.002	0.005	beta-Myrcene	0.459
		0.002	0.005	D-Limonene	0.423
		0.002	0.005	Humulene	0.175
		0.002	0.005	Linalool	0.158
		0.002	0.005	Fenchol	0.092
		0.002	0.005	alpha-Bisabolol	0.097
		0.002	0.005	beta-Pinene	0.098
		0.002	0.005	Farnesol 2	0.082
		0.002	0.005	alpha-Terpineol	0.080
		0.002	0.005	trans-Nerolidol	0.083
		0.002	0.005	alpha-Pinene	0.066
		0.002	0.005	cis-Nerolidol	0.060
		0.002	0.005	beta-Farnesene	0.051
		0.002	0.005	Valencene	0.049
		0.002	0.005	Camphene	0.036
		0.002	0.005	Geraniol	0.040
		0.002	0.005	endo-Borneol	0.027
		0.002	0.005	m-Cymene	0.020
		0.002	0.005	3-Carene	< 0.002
		0.002	0.005	4-Terpineol	< 0.002
		0.002	0.005	alpha-Cedrene	< 0.002
		0.002	0.005	alpha-Phyllandrine	< 0.002
		0.002	0.005	alpha-Terpinene	< 0.002
		0.002	0.005	beta-Ocimene	< 0.002
		0.002	0.005	Carvacrol	< 0.002
		0.002	0.005	Cedrol	< 0.002
		0.002	0.005	Eucalyptol	< 0.002
		0.002	0.005	Farnesol 1	< 0.002
		0.002	0.005	gamma-Terpinene	< 0.002
		0.002	0.005	Guaiol	< 0.002
		0.002	0.005	Isoborneol	< 0.002
0.002	0.005	Isopulegol	< 0.002		
0.002	0.005	Menthol	< 0.002		
0.002	0.005	Nerol	< 0.002		
0.002	0.005	o-Cymene	< 0.002		
0.002	0.005	p-Cymene	< 0.002		
0.002	0.005	Phytane	< 0.002		
0.002	0.005	Sabinene	< 0.002		
0.002	0.005	Sabinene Hydrate	< 0.002		
0.002	0.005	Terpinolene	< 0.002		
0.002	0.005	Thymol	< 0.002		
				Total	2.634
Analysis Performed By: MB		On: 17-Aug-2023			



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Test	Method	Specification	Result
Moisture			
Moisture Content	SOP-QCA-015 Loss on Drying USP <731>	Report in % w/w	11.94 % w/w
Analysis Performed By: BP On: 16-Aug-2023			

Test	Method	Specification	Result
Foreign Material			
Visual Inspection - Macro & Microscopic	SOP-QCA-020 EP 2.8.2 USP <516>	The sample is visually inspected to ensure it is essentially free of hair, insects and other solids.	Dried Cannabis Flower inspected and free of foreign material.
% Foreign Material		Percent foreign matter quantified to ensure ≤ 5% cannabis stems and ≤ 2% other foreign organic matter	0% foreign organic matter identified
Analysis Performed By: BP On: 16-Aug-2023			

Test	Method	Specification	Result																				
Microbiology																							
E. coli	SOP-QCA-017 AOAC	Absent in 10 grams or 10 mL USP <2023>	Absent in 10 grams																				
Salmonella spp	SOP-QCA-017 AOAC	Absent in 10 grams or 10 mL USP <2023>	Absent in 10 grams																				
	SOP-QCA-017 AOAC	<table border="1"> <thead> <tr> <th>LOD (CFU/g)</th> <th>LOQ (CFU/g)</th> <th>RL (CFU/g)</th> <th>Enumeration</th> <th>CFU/g</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>50</td> <td>100,000</td> <td>TAMC</td> <td>< 50</td> </tr> <tr> <td>10</td> <td>50</td> <td>1,000</td> <td>TYMC</td> <td>< 50</td> </tr> <tr> <td>10</td> <td>50</td> <td>1,000</td> <td>BTGN</td> <td>< 10</td> </tr> </tbody> </table>	LOD (CFU/g)	LOQ (CFU/g)	RL (CFU/g)	Enumeration	CFU/g	10	50	100,000	TAMC	< 50	10	50	1,000	TYMC	< 50	10	50	1,000	BTGN	< 10	
LOD (CFU/g)	LOQ (CFU/g)	RL (CFU/g)	Enumeration	CFU/g																			
10	50	100,000	TAMC	< 50																			
10	50	1,000	TYMC	< 50																			
10	50	1,000	BTGN	< 10																			
Total Aerobic (TAMC)	USP <2023>																						
Total Yeast/Mold (TYMC)																							
Bile Tolerant Gram Negative Bacteria																							
Analysis Performed By: SR On: 16-Aug-2023 - 21-Aug-2023																							

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Test	Method	Specification			Result	
Metals						
		LOD (ppm)	LOQ (ppm)	RL (ppm)	Metal	ppm
Heavy Metals	SOP-QCA-008	0.015	0.050	0.200	Arsenic (As)	< 0.015
	ICP-OES	0.008	0.025	0.100	Mercury (Hg)	< 0.008
	USP <233>, <232> (Limit)	0.125	0.250	0.500	Lead (Pb)	< 0.125
		0.015	0.050	0.200	Cadmium (Cd)	< 0.015
Analysis Performed By: BP		On: 21-Aug-2023				

Test	Method	Specification			Result		
Toxins							
		LOD (ppm)	LOQ (ppm)	RL (ppm)		ppm	
Aflatoxins	SOP-QCA-011	0.002	0.005	0.002	B1	< 0.002	
	LC-MSMS	0.002	0.005	*	B2	< 0.002	
	E.P. 2.8.18		0.002	0.005	*	G1	< 0.002
			0.002	0.005	*	G2	< 0.002
			0.002	0.020	0.004	Total (B1, B2, G1, G2)	< 0.002
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Test Method SOP-QCA-011 SOP-QCA-013 LC-MSMS GC-MSMS Validated FEB 2021	LOD ppm	LOQ ppm	RL ppm	Result ppm	Test Method SOP-QCA-011 SOP-QCA-013 LC-MSMS GC-MSMS Validated FEB 2021	LOD ppm	LOQ ppm	RL ppm	Result ppm
Pesticides									
Abamectin	0.015	0.050	< 0.1	< 0.015	Ethoprophos	0.003	0.010	< 0.02	< 0.003
Acephate	0.006	0.020	< 0.02	< 0.006	Etofenprox	0.006	0.020	< 0.05	< 0.006
Acequinocyl	0.006	0.020	< 0.03	< 0.006	Etoxazole	0.003	0.010	< 0.02	< 0.003
Acetamiprid	0.003	0.010	< 0.1	< 0.003	Etridiazol	0.006	0.020	< 0.03	< 0.006
Aldicarb	0.003	0.010	< 1	< 0.003	Fenoxycarb	0.003	0.010	< 0.02	< 0.003
Allethrin	0.030	0.100	< 0.2	< 0.030	Fenpyroximate	0.003	0.010	< 0.02	< 0.003
Azadirachtin	0.015	0.050	< 1	< 0.015	Fensulfothion	0.003	0.010	< 0.02	< 0.003
Azoxystrobin	0.003	0.010	< 0.02	< 0.003	Fenthion	0.006	0.020	< 0.02	< 0.006
Benzovindiflupyr	0.003	0.010	< 0.02	< 0.003	Fenvalerate	0.030	0.100	< 0.1	< 0.030
Bifenazate	0.003	0.010	< 0.02	< 0.003	Fipronil	0.015	0.050	< 0.06	< 0.015
Bifenthrin	0.015	0.050	< 1	< 0.015	Fonicamid	0.015	0.050	< 0.05	< 0.015
Boscalid	0.006	0.020	< 0.02	< 0.006	Fludioxonil	0.006	0.020	< 0.02	< 0.006
Buprofezin	0.003	0.010	< 0.02	< 0.003	Fluopyram	0.006	0.020	< 0.02	< 0.006
Carbaryl	0.003	0.010	< 0.05	< 0.003	Hexythiazox	0.003	0.010	< 0.01	< 0.003
Carbofuran	0.003	0.010	< 0.02	< 0.003	Imazalil	0.003	0.010	< 0.05	< 0.003
Chlorantraniliprole	0.003	0.010	< 0.02	< 0.003	Imidacloprid	0.003	0.010	< 0.02	< 0.003
Chlorphenapyr	0.015	0.050	< 0.05	< 0.015	Iprodione	0.300	1.000	< 1	< 0.300
Chlorpyrifos	0.012	0.040	< 0.04	< 0.012	Kinoprene	0.150	0.500	< 0.5	< 0.150
Clofentezine	0.006	0.020	< 0.02	< 0.006	Kresoxim-methyl	0.003	0.010	< 0.02	< 0.003
Clothianidin	0.003	0.010	< 0.05	< 0.003	Malathion	0.003	0.010	< 0.02	< 0.003
Coumaphos	0.003	0.010	< 0.02	< 0.003	Metalaxyl	0.003	0.010	< 0.02	< 0.003
Cyantranilipole	0.003	0.010	< 0.02	< 0.003	Methiocarb	0.003	0.010	< 0.02	< 0.003
Cyfluthrin	0.060	0.200	< 0.2	< 0.060	Methomyl	0.003	0.010	< 0.05	< 0.003
Cypermethrin	0.030	0.100	< 0.3	< 0.030	Methoprene	0.300	1.000	< 2	< 0.300
Cyprodinil	0.003	0.010	< 0.25	< 0.003	Mevinphos	0.006	0.020	< 0.05	< 0.006
Daminozide	0.030	0.100	< 0.1	< 0.030	MGK-264	0.015	0.050	< 0.05	< 0.015
Deltamethrin	0.015	0.050	< 0.5	< 0.015	Myclobutanil	0.003	0.010	< 0.02	< 0.003
Diazinon	0.003	0.010	< 0.02	< 0.003	Naled	0.015	0.050	< 0.1	< 0.015
Dichlorvos	0.015	0.050	< 0.1	< 0.015	Novaluron	0.006	0.020	< 0.05	< 0.006
Dimethoate	0.003	0.010	< 0.02	< 0.003	Oxamyl	0.003	0.010	< 3	< 0.003
Dimethomorph	0.003	0.010	< 0.05	< 0.003	Paclbutrazol	0.003	0.010	< 0.02	< 0.003
Dinotefuran	0.015	0.050	< 0.1	< 0.015	Parathion-Methyl	0.015	0.050	< 0.05	< 0.015
Dodemorph	0.003	0.010	< 0.05	< 0.003	Permethrin	0.150	0.500	< 0.5	< 0.150
Endosulfan sulfate	0.015	0.050	< 0.05	< 0.015	Phenothrin	0.015	0.050	< 0.05	< 0.015
Endosulfan-alpha	0.060	0.200	< 0.2	< 0.060	Phosmet	0.003	0.010	< 0.02	< 0.003
Endosulfan-beta	0.015	0.050	< 0.05	< 0.015	Piperonyl butoxide	0.003	0.010	< 0.2	< 0.003



Supervisor: Dr. Ryan Lillico | QA Manager: Nicole Wilson | Head of Laboratory: Dr. Brent Guppy

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Test Method SOP-QCA-011 SOP-QCA-013 LC-MSMS GC-MSMS Validated FEB 2021	LOD ppm	LOQ ppm	RL ppm	Result ppm	Test Method SOP-QCA-011 SOP-QCA-013 LC-MSMS GC-MSMS Validated FEB 2021	LOD ppm	LOQ ppm	RL ppm	Result ppm
Pesticides									
Pirimicarb	0.003	0.010	< 0.02	< 0.003	Spiromesifen	0.003	0.010	< 3	< 0.003
Prallethrin	0.015	0.050	< 0.05	< 0.015	Spirotetramat	0.006	0.020	< 0.02	< 0.006
Propiconazole	0.015	0.050	< 0.1	< 0.015	Spiroxamine	0.003	0.010	< 0.1	< 0.003
Propoxur	0.003	0.010	< 0.02	< 0.003	Tebuconazole	0.003	0.010	< 0.05	< 0.003
Pyraclostrobin	0.003	0.010	< 0.02	< 0.003	Tebufenozide	0.003	0.010	< 0.02	< 0.003
Pyrethrins	0.006	0.020	< 0.05	< 0.006	Teflubenzuron	0.015	0.050	< 0.05	< 0.015
Pyridaben	0.006	0.020	< 0.05	< 0.006	Tetrachlorvinphos	0.003	0.010	< 0.02	< 0.003
Quintozene	0.006	0.020	< 0.02	< 0.006	Tetramethrin	0.015	0.050	< 0.1	< 0.015
Resmethrin	0.015	0.050	< 0.1	< 0.015	Thiacloprid	0.003	0.010	< 0.02	< 0.003
Spinetoram	0.006	0.020	< 0.02	< 0.006	Thiamethoxam	0.003	0.010	< 0.02	< 0.003
Spinosad	0.003	0.010	< 0.1	< 0.003	Thiophanate-methyl	0.003	0.010	< 0.05	< 0.003
Spirodiclofen	0.003	0.010	< 0.25	< 0.003	Trifloxystrobin	0.003	0.010	< 0.02	< 0.003
Analysis Performed By: BP		On: 21-Aug-2023							



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Case Narrative

1. Results relate only to the samples analyzed as received (See Chain of Custody).
2. Unless otherwise stated, all QC measurements meet the established laboratory QC limits for the parameter.
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5. This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legal binding equivalent of a traditionally handwritten signature.
6. If you have any comments or questions, please contact the laboratory at the email or numbers listed above.

Definitions

LOD	Limit of Detection	CFU	Colony Forming Units
LOQ	Limit of Quantification	% w/w	Percent of Weight
RL	Reporting Limit	ppm	Parts per Million
QC	Quality Control	mg/g	Milligrams per gram of sample
*	Limit of quantification not available		

