Certificate of Analysis

Sample # 2025-0144
Lot # PK230901H

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

Client:	Lineage Distribution 440D Kuzenko St. Niverville, MB R0A 0A2	**Licence Number**	LIC-NBV90A48D9-2022
		Contact - Email	operations@lineagedistribution.com
Attn:	Nicholas Kocay	**- Phone**	(204) 471-7652
Sample Type:	Dried Cannabis Flower	**Sample Name**	Pink Kush
Lot Number:	PK230901H	**Date Received**	23-Jan-2025
BioScision Sample #	2025-0144	**Date of Report**	27-Jan-2025
Head of Laboratory:	Dr. Brent Guppy, PhD		

Report Summary

Total THC	19.12 % w/w	**Heavy Metals**	Not Detected
Total CBD	< 0.05 % w/w	**Pesticides**	Not Detected
Total Cannabinoids	21.97 % w/w	**Aflatoxins**	Not Detected
Total Terpenes	1.761 % w/w	**Microbiology**	Not Detected
Moisture Content	10.93 % w/w		

	Technical Content Reviewed and Approved By:	Dr. Brent Guppy, Head of Laboratory
	Certificate of Analysis Reviewed and Released By:	Dr. Brent Guppy, Head of Laboratory
	Date (DD-MMM-YYYY):	27-Jan-2025

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Test	Method	Specification		Result		
Cannabinoid Potency						
		LOD (%*w/w*)	LOQ (%*w/w*)	Analyte	mg/g	%w/w
THC / CBD	**SOP-QCA-012**	0.05	0.10	THC	26.6	2.66
	HPLC-UV	0.05	0.10	THCA	187.7	18.77
		0.05	0.10	CBD	< 0.5	< 0.05
		0.05	0.10	CBDA	< 1.0	< 0.10
Other Cannabinoids		0.05	0.10	CBDV	< 1.0	< 0.10
		0.05	0.10	CBGA	4.4	0.44
		0.05	0.10	CBG	< 1.0	< 0.10
		0.05	0.10	THCV	< 0.5	< 0.05
		0.05	0.10	CBN	1.0	0.10
		0.05	0.10	CBC	< 0.5	< 0.05
Total Cannabinoids				Total THC	191.2	19.12
				Total CBD	< 0.5	< 0.05
				Total Cannabinoid	219.7	21.97
		Total THC = ([THCA] × 0.877) + [THC]				
		Total CBD = ([CBDA] × 0.877) + [CBD]				
Analysis Performed By: AP		On: 24-Jan-2025				

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Test	Method	Specification		Result	
Terpene Potency					
		LOD (%*w/w*)	LOQ (%*w/w*)	Terpene	%w/w
Terpenes	**SOP-QCA-009**	0.002	0.005	D-Limonene	0.410
	GC-MS	0.002	0.005	beta-Myrcene	0.344
		0.002	0.005	beta-Caryophyllene	0.231
		0.002	0.005	Farnesol 2	0.192
		0.002	0.005	alpha-Bisabolol	0.110
		0.002	0.005	Linalool	0.108
		0.002	0.005	Humulene	0.068
		0.002	0.005	cis-Nerolidol	0.066
		0.002	0.005	beta-Pinene	0.059
		0.002	0.005	alpha-Pinene	0.053
		0.002	0.005	Fenchol	0.040
		0.002	0.005	alpha-Terpineol	0.031
		0.002	0.005	Valencene	0.022
		0.002	0.005	Camphene	0.011
		0.002	0.005	m-Cymene	0.006
		0.002	0.005	alpha-Cedrene	0.005
		0.002	0.005	endo-Borneol	0.005
		0.002	0.005	beta-Farnesene	< 0.005
		0.002	0.005	Terpinolene	< 0.005
		0.002	0.005	3-Carene	< 0.002
		0.002	0.005	4-Terpineol	< 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	Geraniol	< 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	Thymol	< 0.002
		0.002	0.005	trans-Nerolidol	< 0.002
				Total	1.761
Analysis Performed By:	PE	On:	24-Jan-2025		

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Test	Method	Specification	Result
Physical/Chemical Properties			
Moisture Content	**SOP-QCA-015 Loss on Drying USP <731>**	Report in % w/w	10.93 % *w/w*
Analysis Performed By: SB		On: 23-Jan-2025	

Test	Method	Specification			Result	
Microbiology						
E. coli	**SOP-QCA-017 AOAC**	Absent in 1 gram or 1 mL Ep 5.1.8			Absent in 1 gram	
Salmonella spp	**SOP-QCA-017 AOAC**	Absent in 25 grams or 25 mL Ep 5.1.8			Absent in 25 grams	
	SOP-QCA-017 AOAC	LOD (CFU/g)	LOQ (CFU/g)	RL (CFU/g)	Enumeration	CFU/g
Total Aerobic (TAMC)	**Ep 5.1.8**	10	50	500,000	TAMC	< 10
Total Yeast/Mold (TYMC)		10	50	50,000	TYMC	< 10
Bile Tolerant Gram Negative Bacteria		10	50	10,000	BTGN	< 10
Analysis Performed By: SR		On: 23-Jan-2025 - 27-Jan-2025				

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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>,	0.125	0.250	0.500	Lead (Pb)	< 0.125
	<232> (Limit)	0.015	0.050	0.300	Cadmium (Cd)	< 0.015
Analysis Performed By:	SB	On: 23-Jan-2025				

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
Analysis Performed By:	SB	On: 24-Jan-2025				

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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	Flonicamid	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	Paclobutrazol	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

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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:	SB		On:	24-Jan-2025					

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Case Narrative
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2. Unless otherwise stated, all QC measurements meet the established laboratory QC limits for the parameter.
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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		