Certificate of Analysis

Sample # 2023-0016
Lot # BULK-011 (2)

Client:		**Licence Number**	
		Contact - Email	
Attn:		**- Phone**	
Sample Type:	Dried Cannabis Flower	**Sample Name**	Kandy Kush
Lot Number:		**Date Received**	03-Jan-2023
BioScision sample #	2023-0016	**Date of Analysis**	03-05-Jan-2023
Issued By:	Dr. Ryan Lillico, PhD Nicole Wilson, MSc	**Date of Report**	05-Jan-2023

Report Summary

Total THC	27.41 % w/w
Total CBD	<0.10 % w/w
Total Cannabinoids	32.94 % w/w
Water Moisture	10.25 % w/w

Head of Lab Reviewed and Released By:

bioscisionlabs 26 Henlow Bay Winnipeg, MB Canada R3Y 1G4	Printed Name	Dr. Brent Guppy
	Title	Chief Scientific Officer, Head of Laboratories
	Signature	
	Date	05-Jan-2023

Certificate of Analysis

Sample # 2023-0016
Lot # BULK-011 (2)

Test	Method	Specification		Result		
Cannabinoid Potency						
		LOD (%*w/w*)	LOQ (%*w/w*)	Cannabinoid	mg/g	%w/w
THC / CBD	**SOP-QCA-012**	0.05	0.1	THC	4.8	0.48
	HPLC-UV	0.05	0.1	THCA	307.1	30.71
		0.05	0.1	CBD	<0.5	<0.05
		0.05	0.1	CBDA	<1.0	<0.10
Other Cannabinoids		0.05	0.1	CBDV	<1.0	<0.10
		0.05	0.1	CBGA	17.5	1.75
		0.05	0.1	CBG	<1.0	<0.10
		0.05	0.1	THCV	<0.5	<0.05
		0.05	0.1	CBN	<0.5	<0.05
		0.05	0.1	CBC	<1.0	<0.10
Total Cannabinoids				Total THC	274.1	27.41
				Total CBD	<1.0	<0.10
				Total Cannabinoid	329.4	32.94
		Total THC = ([THCA] × 0.877) + [THC] Total CBD = ([CBDA] × 0.877) + [CBD]				

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Sample # 2023-0016
Lot # BULK-011 (2)

Test	Method	Specification	Result
Moisture Content			
Water Moisture	**SOP-QCA-015 Loss on Drying USP <731>**	Report in % w/w	10.25 % *w/w*

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Certificate of Analysis

Sample # 2023-0017
Lot # BULK-011

Client:		**Licence Number**	
		Contact - Email	
Attn:		**- Phone**	
Sample Type:	Dried Cannabis Flower	**Sample Name**	Kandy Kush
Lot Number:	BULK-011	**Date Received**	03-Jan-2023
BioScision sample #	2023-0017	**Date of Analysis**	03-06-Jan-2023
Issued By:	Dr. Ryan Lillico, PhD Nicole Wilson, MSc	**Date of Report**	06-Jan-2023

Report Summary

Total Terpenes	2.360 % w/w	**Heavy Metals**	Within Specification
		Pesticides	Not Detected
		Aflatoxins	Not Detected
		Microbiology	Within Specification

Head of Lab Reviewed and Released By:

bioscisionlabs 26 Henlow Bay Winnipeg, MB Canada R3Y 1G4	Printed Name	Dr. Brent Guppy
	Title	Chief Scientific Officer, Head of Laboratories
	Signature	
	Date	06-Jan-2023

Certificate of Analysis

Sample # 2023-0017
Lot # BULK-011

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	1.155
	HS-GCMS	0.002	0.005	Beta-Myrcene	0.270
		0.002	0.005	Caryophyllene	0.233
		0.002	0.005	beta-Pinene	0.192
		0.002	0.005	alpha-pinene	0.139
		0.002	0.005	Linalool	0.181
		0.002	0.005	beta-Ocimine	0.064
		0.002	0.005	Humelene	0.047
		0.002	0.005	alpha-Bisabolol	0.034
		0.002	0.005	Camphene	0.028
		0.002	0.005	Terpinolene	0.009
		0.002	0.005	p-Cymene	0.008
		0.002	0.005	gamma-Terpinene	<0.005
		0.002	0.005	alpha-Terpinene	<0.005
		0.002	0.005	3-Carene	<0.002
		0.002	0.005	trans-Nerolidol	<0.002
		0.002	0.005	Guaiol	<0.002
		0.002	0.005	Neoisopulegol	<0.002
		0.002	0.005	Geraniol	<0.002
				Total	2.360

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Sample # 2023-0017
Lot # BULK-011

Test	Method	Specification			Result	
Identity						
Appearance Visual	**SOP-QCA-014**	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.	
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	3,550
Bile Tolerant Gram Negative Bacteria		10	50	10,000	BTGN	< 10
Metals						
		LOD (ppm)	LOQ (ppm)	RL (ppm)	Metal	ppm
Heavy Metals	**SOP-QCA-008 ICP-OES USP <233>, <232> (Limit)**	0.025	0.050	0.200	Arsenic (As)	<0.025
		0.004	0.013	0.100	Mercury (Hg)	<0.004
		0.063	0.125	0.500	Lead (Pb)	<0.063
		0.008	0.025	0.200	Cadmium (Cd)	<0.008
Toxins						
		LOD (ppm)	LOQ (ppm)	RL (ppm)	Aflatoxin	ppm
Aflatoxins	**SOP-QCA-011 LC-MSMS E.P. 2.8.18**	0.002	0.005	0.002	B1	<0.002
		0.002	0.020	0.004	Total (B1, B2, G1, G2)	<0.002

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Sample # 2023-0017
Lot # BULK-011

Test Method SOP-QCA-011 SOP-QCA-013 LC-MSMS GC-MSMS Validated FEB 2021	Method LOQ (ppm)	Health Canada RL (ppm)	Result (ppm)	Test Method SOP-QCA-011 SOP-QCA-013 LC-MSMS GC-MSMS Validated FEB 2021	Method LOQ (ppm)	Health Canada RL (ppm)	Result (ppm)
Pesticides							
Abamectin	0.05	< 0.100	<0.05	Ethoprophos	0.01	< 0.020	<0.01
Acephate	0.02	< 0.020	<0.02	Etofenprox	0.02	< 0.050	<0.02
Acequinocyl	0.02	< 0.030	<0.02	Etoxazole	0.01	< 0.020	<0.01
Acetamiprid	0.01	< 0.100	<0.01	Etridiazol	0.02	< 0.030	<0.02
Aldicarb	0.01	< 1	<0.01	Fenoxycarb	0.01	< 0.020	<0.01
Allethrin	0.1	< 0.200	<0.1	Fenpyroximate	0.01	< 0.020	<0.01
Azadirachtin	0.05	< 1	<0.05	Fensulfothion	0.01	< 0.020	<0.01
Azoxystrobin	0.01	< 0.020	<0.01	Fenthion	0.02	< 0.020	<0.02
Benzovindiflupyr	0.01	< 0.020	<0.01	Fenvalerate	0.1	< 0.100	<0.1
Bifenazate	0.01	< 0.020	<0.01	Fipronil	0.05	< 0.060	<0.05
Bifenthrin	0.05	< 1	<0.05	Flonicamid	0.05	< 0.050	<0.05
Boscalid	0.02	< 0.020	<0.02	Fludioxonil	0.02	< 0.020	<0.02
Buprofezin	0.01	< 0.020	<0.01	Fluopyram	0.02	< 0.020	<0.02
Carbaryl	0.01	< 0.050	<0.01	Hexythiazox	0.01	< 0.010	<0.01
Carbofuran	0.01	< 0.020	<0.01	Imazalil	0.01	< 0.050	<0.01
Chlorantraniliprole	0.01	< 0.020	<0.01	Imidacloprid	0.01	< 0.020	<0.01
Chlorphenapyr	0.05	< 0.050	<0.05	Iprodione	1	< 1	<1
Chlorpyrifos	0.04	< 0.040	<0.04	Kinoprene	0.5	< 0.500	<0.5
Clofentezine	0.02	< 0.020	<0.02	Kresoxim-methyl	0.01	< 0.020	<0.01
Clothianidin	0.01	< 0.050	<0.01	Malathion	0.01	< 0.020	<0.01
Coumaphos	0.01	< 0.020	<0.01	Metalaxyl	0.01	< 0.020	<0.01
Cyantranilipole	0.01	< 0.020	<0.01	Methiocarb	0.01	< 0.020	<0.01
Cyfluthrin	0.2	< 0.200	<0.2	Methomyl	0.01	< 0.050	<0.01
Cypermethrin	0.1	< 0.300	<0.1	Methoprene	1	< 2	<1
Cyprodinil	0.01	< 0.250	<0.01	Mevinphos	0.02	< 0.050	<0.02
Daminozide	0.1	< 0.100	<0.1	MGK-264	0.05	< 0.050	<0.05
Deltamethrin	0.05	< 0.500	<0.05	Myclobutanil	0.01	< 0.020	<0.01
Diazinon	0.01	< 0.020	<0.01	Naled	0.05	< 0.100	<0.05
Dichlorvos	0.05	< 0.100	<0.05	Novaluron	0.02	< 0.050	<0.02
Dimethoate	0.01	< 0.020	<0.01	Oxamyl	0.01	< 3	<0.01
Dimethomorph	0.01	< 0.050	<0.01	Paclobutrazol	0.01	< 0.020	<0.01
Dinotefuran	0.05	< 0.100	<0.05	Parathion-Methyl	0.05	< 0.050	<0.05
Dodemorph	0.01	< 0.050	<0.01	Permethrin	0.5	< 0.500	<0.5
Endosulfan sulfate	0.05	< 0.050	<0.05	Phenothrin	0.05	< 0.050	<0.05
Endosulfan-alpha	0.2	< 0.200	<0.2	Phosmet	0.01	< 0.020	<0.01
Endosulfan-beta	0.05	< 0.050	<0.05	Piperonyl butoxide	0.01	< 0.200	<0.01

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Lot # BULK-011

Test Method SOP-QCA-011 SOP-QCA-013 LC-MSMS GC-MSMS Validated FEB 2021	Method LOQ (ppm)	Health Canada RL (ppm)	Result (ppm)	Test Method SOP-QCA-011 SOP-QCA-013 LC-MSMS GC-MSMS Validated FEB 2021	Method LOQ (ppm)	Health Canada RL (ppm)	Result (ppm)
Pesticides							
Pirimicarb	0.01	< 0.020	<0.01	Spiromesifen	0.01	< 3	<0.01
Prallethrin	0.05	< 0.050	<0.05	Spirotetramat	0.02	< 0.020	<0.02
Propiconazole	0.05	< 0.100	<0.05	Spiroxamine	0.01	< 0.100	<0.01
Propoxur	0.01	< 0.020	<0.01	Tebuconazole	0.01	< 0.050	<0.01
Pyraclostrobin	0.01	< 0.020	<0.01	Tebufenozide	0.01	< 0.020	<0.01
Pyrethrins	0.02	< 0.050	<0.02	Teflubenzuron	0.05	< 0.050	<0.05
Pyridaben	0.02	< 0.050	<0.02	Tetrachlorvinphos	0.01	< 0.020	<0.01
Quintozene	0.02	< 0.020	<0.02	Tetramethrin	0.05	< 0.100	<0.05
Resmethrin	0.05	< 0.100	<0.05	Thiacloprid	0.01	< 0.020	<0.01
Spinetoram	0.02	< 0.020	<0.02	Thiamethoxam	0.01	< 0.020	<0.01
Spinosad	0.01	< 0.100	<0.01	Thiophanate-methyl	0.01	< 0.050	<0.01
Spirodiclofen	0.01	< 0.25	<0.01	Trifloxystrobin	0.01	< 0.020	<0.01

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