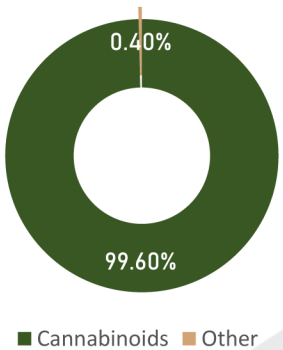
CERTIFICATE OF ANALYSIS

Batch ID:	2011020411	Received:	9/21/2020	Test:	Potency
Sample Type:	CBG Isolate	Analyzed:	9/25/2020		

CANNABINOID PROFILE

TOTAL CANNABINOID CONTENT



Cannabinoid	LoD (mg/L)	Result (%)	Result (mg/g)
Cannabidiol (CBD)	0.39	0.00	0.00
Cannabigerol (CBG)	0.41	99.60	996.03
Δ9-Tetrahydrocannabinol (Δ9-THC)	0.33	0.00	0.00
Cannabacitran (CBT)	0.20	0.00	0.00
Cannabichromene (CBC)	0.32	0.00	0.00
Cannabinol (CBN)	0.24	0.00	0.00
Tetrahydrocannabivarin (THCV)	0.42	0.00	0.00
Δ8-Tetrahydrocannabinol (Δ8-THC)	0.42	0.00	0.00
Cannabigerolic acid (CBGA)	0.35	0.00	0.00
Cannabidiolic acid (CBDA)	0.34	0.00	0.00
Cannabidivarin (CBDV)	0.31	0.00	0.00
Δ9-Tetrahydrocannabinolic acid (THCA)	0.32	0.00	0.00
Total Cannabinoids**		99.60	996.03
Total Potential THC*		0.00	0.00
Total Potential CBD*		0.00	0.00
Total Potential CBG*		99.60	996.03

** Total Potential THC/CBD/CBG is calculated using the following formulas to consider the loss of a carboxyl group during decarboxylation step.*

**Total THC = THC + (THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877)) and Total CBG = CBG + (CBGa*(0.877))*

*** Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.*

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

REMARKS

Passed visual inspection for particulates, mold, mildew, and other foreign substances.

FINAL AUTHORIZATION

M.Zapata 25-Sep-20	25-Sep-20	Madi S 25-Sep-20
ANALYZED BY/DATE	AUTHORIZED BY / DATE	RELEASED BY/DATE

CERTIFICATE OF ANALYSIS

Batch ID:	2011020411	Received:	9/21/2020	Test:	Residual Solvents
Sample Type:	CBG Isolate	Analyzed:	9/22/2020		

RESIDUAL SOLVENTS

SOLVENT	REPORTABLE RANGE	RESULT (ppm)
Acetone	100-1000	0.00
Acetonitrile	100-1000	0.00
Benzene	0.2-4	0.00
Butanes	100-1000	0.00
Ethanol	100-1000	0.00
Ethyl Acetate	100-1000	0.00
Heptane	100-1000	0.00
Hexanes	6-120	0.00
Isopropyl Alcohol	100-1000	0.00
Methanol	100-1000	0.00
Pentane	100-1000	0.00
Propane	100-1000	0.00
Toluene	18-360	0.00
Xylenes	43-860	0.00

REMARKS

Passed visual inspection for particulates, mold, mildew, and other foreign substances.

FINAL AUTHORIZATION

M.Zapata 22-Sep-20	22-Sep-20	Madi S 22-Sep-20
ANALYZED BY/DATE	AUTHORIZED BY / DATE	RELEASED BY/DATE

CERTIFICATE OF ANALYSIS

Collection Date: 04/12/2019
Order Date: 04/12/2019
Report Date: 04/19/2019
Order #699520
Batch # 2

Initial Weight: 35717.00/mg
Specimen Weight: 100.70/mg
Specimen Type: Flower
Extracted From: Hemp
Description: Brandon R1 Material

Heavy Metals (ICP-MS)

Analyte	ppb	Analyte	ppb	Analyte	ppb
Arsenic (As)	ND	Cadmium (Cd)	ND	Lead (Pb)	1,000
Mercury (Hg)	ND				

Thomas Farrell, MD
Lab Director

* Total CBD = CBD + (CBD-A * 0.877). Total THC = THCA-A * 0.877 + Delta 9 THC. T-Caryophyllene = Trans-Caryophyllene, ND = Not Detected, QNS = Quantity Not Sufficient. (%) = Percent, (ppm) = Parts per Million, (cfu) = Colony Forming Unit, (ppb) = Parts per Billion, (µg/Kg) = Microgram per Kilogram, (mg/g) = Milligram per Gram.

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CERTIFICATE OF ANALYSIS

Collection Date: 04/12/2019
Order Date: 04/12/2019
Report Date: 04/18/2019
Order #699519
Batch # 1

Initial Weight: 33693.00/mg
Specimen Weight: 91.70/mg
Specimen Type: Flower
Extracted From: Hemp
Description: Brandon R1 Material

Pesticides (LCMS/MS)

Analyte	ppm	Analyte	ppm	Analyte	ppm
Abamectin	ND	Acephate	ND	Acequinocyl	ND
Acetamiprid	ND	Aldicarb	ND	Azoxystrobin	ND
Bifenazate	ND	Bifenthrin	ND	Boscalid	ND
Carbaryl	ND	Carbofuran	ND	Chlorantraniliprole	ND
Chlorpyrifos	ND	Clofentezine	ND	Cypermethrin	ND
Daminozide	ND	Diazinon	ND	Dichlorvos	ND
Dimethoate	ND	Ethoprophos	ND	Etofenprox	ND
Etoxazole	ND	Fenoxycarb	ND	Fipronil	ND
Flonicamid	ND	Fludioxonil	ND	Hexythiazox	ND
Imazalil	ND	Imidacloprid	ND	Kresoxim Methyl	ND
Malathion A	ND	Metalaxyl	ND	Methiocarb	ND
Methomyl	ND	MGK-264	ND	Myclobutanil	ND
Naled	ND	Oxamyl	ND	Paclobutrazol	ND
Parathion-methyl	ND	Permethrin	ND	Phosmet	ND
Piperonylbutoxide	ND	Prallethrin	ND	Propiconazole	ND
Propoxur	ND	Pyrethrins	ND	Pyridaben	ND
Spinosyn A	ND	Spinosyn D	ND	Spiromesifen	ND
Spirotetramat	ND	Spiroxamine	ND	Tebuconazole	ND
Thiacloprid	ND	Thiamethoxam	ND	Trifloxystrobin	ND

Thomas Farrell, MD
Lab Director

* Total CBD = CBD + (CBD-A * 0.877). Total THC = THCA-A * 0.877 + Delta 9 THC. T-Caryophyllene = Trans-Caryophyllene, ND = Not Detected, QNS = Quantity Not Sufficient. (%) = Percent, (ppm) = Parts per Million, (cfu) = Colony Forming Unit, (ppb) = Parts per Billion, (µg/Kg) = Microgram per Kilogram, (mg/g) = Milligram per Gram.

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