

Order #: FOU201119-010016

Order Date: 2020-11-19

Collection Date: 2020-11-24

Report Date: 2020-12-01

Batch #: 007

Sample #: AAAT273

Specimen Type: CBD/HEMP Flower & Plants (Inhalation - Heated)

Extracted From: hemp

Description: the white CBG Flower

Initial Gross Weight: 21.073 g

Specimen Weight: 167.57 mg

Method: SOP-3



Potency
Tested

Heavy Metals
Passed

Mycotoxins
Passed

Pesticides
Passed

Moisture
Tested

Listeria Monocytogenes
Passed

Pathogenic
Passed



The photos on this report are of a sample collected by the lab and may vary from the final packaging.

Total CBD
Not Detected

Total THC
0.129%

Total CBG
10.085%

Total CBN
Not Detected

Other Cannabinoids
0.099%

Total Cannabinoids
10.313%

Potency - 11 (Tested)

(HPLC/LCMS)

Analyte	Result (mg/g)	(%)	LOQ (%)
CBC	0.532	0.053	0.001
CBDV	0.457	0.046	0.001
CBN	<LOQ	0.001	
THCA-A	1.104	0.110	0.001
Total THC	1.290	0.129	0.001

Analyte	Result (mg/g)	(%)	LOQ (%)
CBD	<LOQ	0.001	
CBG	2.191	0.219	0.001
Delta-8 THC	<LOQ	0.001	
THCV	<LOQ	0.001	

Analyte	Result (mg/g)	(%)	LOQ (%)
CBDA	<LOQ	0.001	
CBGA	112.500	11.250	0.001
Delta-9 THC	0.321	0.032	0.001
Total CBD	<LOQ	0.001	

*Total CBD = CBD + (CBD-A * 0.877), *Total THC = THCA-A * 0.877 + Delta 9 THC, *CBG Total = (CBGA * 0.877) + CBG, *CBN Total = (CBNA * 0.877) + CBN, *Other Cannabinoids Total = CBC + CBDV + THCV + THCV-A, *Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCV-A (mg/g) = Milligram per Gram, , LOQ = Limit of Quantitation, , LOD = Limit of Detection , *Measurement of Uncertainty = +/- 5%

Xueli Gao

Ph.D., DABT

Lab Toxicologist

Aixia Sun

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Lab Director/Principal Scientist

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CLIA No. 10D1094068

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Heavy Metals (Passed)

(ICP-MS)

Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)
Arsenic (As)	1500	<LOQ	100
Mercury (Hg)	3000	<LOQ	100

Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)
Cadmium (Cd)	500	<LOQ	100

Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)
Lead (Pb)	500	<LOQ	100

(ppb) = Parts per Billion, (ppb) = (µg/kg), , LOQ = Limit of Quantitation

Mycotoxins (Passed)

(LCMS/API/GCMS)

Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)
Aflatoxin B1	20	<LOQ	6
Aflatoxin G2	20	<LOQ	6

Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)
Aflatoxin B2	20	<LOQ	6
Ochratoxin A	20	<LOQ	12

Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)
Aflatoxin G1	20	<LOQ	6

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Pesticides FL V4 (Non-Inhalable) (Passed)

(LCMS/API/GCMS)

Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)
Abamectin	300	<LOQ	28.23	Acephate	3000	<LOQ	30	Acequinocyl	2000	<LOQ	48
Acetamiprid	3000	<LOQ	30	Aldicarb	100	<LOQ	30	Azoxystrobin	3000	<LOQ	10
Bifenazate	3000	<LOQ	30	Bifenthrin	500	<LOQ	30	Boscalid	3000	<LOQ	10
Captan	3000	<LOQ	30	Carbaryl	500	<LOQ	10	Carbofuran	100	<LOQ	10
Chlorantraniliprole	3000	<LOQ	10	Chlordane	100	<LOQ	10	Chlorfenapyr	100	<LOQ	30
Chlormequat Chloride	3000	<LOQ	10	Chlorpyrifos	100	<LOQ	30	Clofentezine	500	<LOQ	30
Cypermethrin	1000	<LOQ	30	Coumaphos	100	<LOQ	48	Cyfluthrin	1000	<LOQ	30
Dichlorvos	100	<LOQ	30	Daminozide	100	<LOQ	30	Diazinon	200	<LOQ	30
Ethoprophos	100	<LOQ	30	Dimethoate	100	<LOQ	30	Dimethomorph	3000	<LOQ	48
Fenhexamid	3000	<LOQ	10	Etofenprox	100	<LOQ	30	Etiozazole	1500	<LOQ	30
Fipronil	100	<LOQ	30	Fenoxycarb	100	<LOQ	30	Fenpyroximate	2000	<LOQ	30
Hexythiazox	2000	<LOQ	30	Flonicamid	2000	<LOQ	30	Fludioxonil	3000	<LOQ	48
Kresoxim Methyl	1000	<LOQ	30	Imazalil	100	<LOQ	30	Imidacloprid	3000	<LOQ	30
Methiocarb	100	<LOQ	30	Malathion	2000	<LOQ	30	Metalaxyl	3000	<LOQ	10
Mevinphos	100	<LOQ	10	Methomyl	100	<LOQ	30	methyl-Parathion	100	<LOQ	10
Oxamyl	500	<LOQ	30	Myclobutanil	3000	<LOQ	30	Naled	500	<LOQ	30
Permethrin	1000	<LOQ	30	Paclobutrazol	100	<LOQ	30	Pentachloronitrobenzene	200	<LOQ	10
Prallethrin	400	<LOQ	30	Phosmet	200	<LOQ	30	Piperonylbutoxide	3000	<LOQ	30
Pyrethrins	1000	<LOQ	30	Propiconazole	1000	<LOQ	30	Propoxur	100	<LOQ	30
Spinosad	3000	<LOQ	30	Pyridaben	3000	<LOQ	30	Spinetoram	3000	<LOQ	10
Spiroxamine	100	<LOQ	30	Spiromesifen	3000	<LOQ	30	Spirotetramat	3000	<LOQ	30
Thiamethoxam	1000	<LOQ	30	Tebuconazole	1000	<LOQ	30	Thiacloprid	100	<LOQ	30
				Trifloxystrobin	3000	<LOQ	30				

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Moisture (Tested)

(Moisture
Meter)

Analyte	Result (%)
Moisture	10.370

(%) = Percent

Listeria Monocytogenes (Passed)

(qPCR)

Analyte	Result
Listeria Monocytogenes	Absence in 1g

Pathogenic SAE (qPCR) (Passed)

(qPCR)

Analyte	Result (cfu/g)
Aspergillus (Flavus, Fumigatus, Niger, Terreus)	Absence in 1g

Analyte	Result (cfu/g)
E.Coli	Absence in 1g

Analyte	Result (cfu/g)
Salmonella	Absence in 1g

(cfu/g) = Colony Forming Unit per Gram

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