



CERTIFICATE OF ANALYSIS

Prepared for:

MG MECHANICAL LLC

44895 Comanche Creek Rd

Bonnett, CO USA 80109

Express

Batch ID or Lot Number:	Test: Full Panel	Reported: 10october2022	USDA License: N/A
Matrix: Plant	Test ID: T000212935	Started: 06octobr2022	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 10october2022	Status: N/A

Cannabinoids	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.020	0.065	0.060	0.60	
Cannabichromenic Acid (CBCA)	0.018	0.059	0.950	9.50	
Cannabidiol (CBD)	0.046	0.161	14.670	146.70	
Cannabidiolic Acid (CBDA)	0.048	0.165	ND	ND	
Cannabidivarin (CBDV)	0.011	0.038	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.020	0.069	ND	ND	
Cannabigerol (CBG)	0.011	0.037	0.100	1.00	
Cannabigerolic Acid (CBGA)	0.048	0.153	0.830	8.30	
Cannabinol (CBN)	0.015	0.048	ND	ND	
Cannabinolic Acid (CBNA)	0.033	0.104	0.080	0.80	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.057	0.182	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.052	0.166	0.170	0.017	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.046	0.147	16.500	165.00	
Tetrahydrocannabivarin (THCV)	0.010	0.033	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.041	0.130	0.220	2.20	
Total Cannabinoids			18.550	185.50	
Total Potential THC			16.500	165.00	
Total Potential CBD			14.670	146.70	



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PESTICIDES (61 pesticides by Liquid Chromatography Mass Spectrometry – LCMS; ND = Not Detected)

ANALYTE	LOQ (PPB)	MASS (PPB)	ANALYTE	LOQ (PPB)	MASS (PPB)	ANALYTE	LOQ (PPB)	MASS (PPB)
<i>Abamectin</i>	100	ND	<i>Diazinon</i>	100	ND	<i>Myclobutanil</i>	100	ND
<i>Acephate</i>	100	ND	<i>Dimethoate</i>	100	ND	<i>Oxamyl</i>	100	ND
<i>Acequinocyl</i>	100	ND	<i>Dimethomorph</i>	100	ND	<i>Paclobutrazol</i>	100	ND
<i>Acetamiprid</i>	100	ND	<i>Ethoprophos</i>	100	ND	<i>Permethrin</i>	100	ND
<i>Aldicarb</i>	100	ND	<i>Etofenprox</i>	100	ND	<i>Phosmet</i>	100	ND
<i>Azoxystrobin</i>	100	ND	<i>Etoazole</i>	100	ND	<i>Piperonyl Butoxide</i>	100	ND
<i>Bifenazate</i>	100	ND	<i>Fenhexamid</i>	100	ND	<i>Prallethrin</i>	100	ND
<i>Bifenthrin</i>	100	ND	<i>Fenoxycarb</i>	100	ND	<i>Propiconazole</i>	100	ND
<i>Boscalid</i>	100	ND	<i>Fenpyrozimate</i>	100	ND	<i>Propoxur</i>	100	ND
<i>Carbaryl</i>	100	ND	<i>Fipronil</i>	100	ND	<i>Pyrethrins</i>	100	ND
<i>Carbofuran</i>	100	ND	<i>Flonicamid</i>	100	ND	<i>Pyridaben</i>	100	ND
<i>Chlorantraniliprole</i>	100	ND	<i>Fludioxonil</i>	100	ND	<i>Spinetoram</i>	100	ND
<i>Chlordane</i>	100	ND	<i>Hexythiazox</i>	100	ND	<i>Spinosad</i>	100	ND
<i>Chlorfenapyr</i>	100	ND	<i>Imazalil</i>	100	ND	<i>Spinoxamine</i>	100	ND
<i>Chlorpyrifos</i>	100	ND	<i>Imidacloprid</i>	100	ND	<i>Spiromesifen</i>	100	ND
<i>Clofentezine</i>	100	ND	<i>Kresoxim Methyl</i>	100	ND	<i>Spirotetramat</i>	100	ND
<i>Coumaphos</i>	100	ND	<i>Malathion</i>	100	202	<i>Tebuconazole</i>	100	ND
<i>Cyfluthrin</i>	100	ND	<i>Metalaxyl</i>	100	ND	<i>Thiacloprid</i>	100	ND
<i>Cypermethrin</i>	100	ND	<i>Methiocarb</i>	100	ND	<i>Thiamethoxam</i>	100	ND
<i>Daminozide</i>	100	ND	<i>Methomyl</i>	100	ND	<i>Trifloxystrobin</i>	100	ND
<i>DDVP Dichlorvos</i>	100	ND	<i>Mevinphos</i>	100	ND			

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HEAVY METALS			MICROBIALS		MYCOTOXINS		
Analyte	Mass (PPM)	LOQ (PPM)	Organism	Results (CFU)	Toxin	LOQ PPM	Units PPM
Arsenic	<0.001	0.001	<i>Aspergillus fumigatus</i>	PASS	Aflatoxin B1	20.0	ND
Cadmium	<0.015	0.015	<i>Aspergillus terreus</i>	PASS	Aflatoxin B2	20.0	ND
Lead	<0.015	0.015	<i>Aspergillus niger</i>	PASS	Aflatoxin G1	20.0	ND
Mercury	0.002	0.001	<i>Aspergillus flavus</i>	PASS	Aflatoxin G2	20.0	ND
			TOTAL <i>Enterobacteriaceae</i>	PASS	TOTAL Aflatoxins	20.0	ND
			<i>E. Coli</i>	PASS	Ochratoxin A	20.0	ND

Method: ICP-MS ND = Not Detected

Method: DRBC agar, Total Aerobic Dip slide; Total Enterobacteriaceae & E. coli Petrifilm

Method: LCMS ND = Not Detected

Final Approval

Sam SmithJacob Miller



10October1202207oct2022

11:01:00 AM MDT11:04:00



AM MDT PREPARED



BY / DATE APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/4edc1566-c479-4d19-b9c4-78beef8629e4>

Definitions

% = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method).

Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877)).

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor

