



License No. 800025015
FL License # CMTL-0003
CLIA No. 10D1094068

Certificate of Analysis

Compliance Test

Batch # 1212070CC
Batch Date: 2021-07-26
Extracted From: Industrial Hemp

Sampling Method: MSP 7.3.1
Test Reg State: Florida

Order # BAL210726-030025
Order Date: 2021-07-26
Sample # AABR534

Sampling Date: 2021-08-02
Lab Batch Date: 2021-08-02
Completion Date: 2021-08-10

Initial Gross Weight: 160.300 g
Net Weight: 59.700 g
Density: 0.9421 g/ml

Number of Units: 2
Net Weight per Unit: 29850.000 mg



Potency
Tested



Heavy Metals
Passed



Mycotoxins
Passed



Pesticides
Passed



Residual
Solvents
Passed



Water Activity
Tested



Listeria
Monocytogenes
Passed



Pathogenic
Passed



Microbiology
Petrifilm
Tested



Potency - 11

Specimen Weight: 95.760 mg

Tested
(HPLC/LCMS)

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/ml)	(%)
CBD	10.000	0.000054	0.001	35.074	3.723
CBG	10.000	0.000248	0.001	1.429	0.152
CBC	10.000	0.000018	0.001	1.324	0.141
Delta-9 THC	10.000	0.000013	0.001	1.132	0.120
CBDV	10.000	0.000065	0.001	0.591	0.063
Delta-8 THC	10.000	0.000026	0.001		<LOQ
THCV	10.000	0.000007	0.001		<LOQ
CBN	10.000	0.000014	0.001		<LOQ
CBGA	10.000	0.000008	0.001		<LOQ
CBDA	10.000	0.00001	0.001		<LOQ
THCA-A	10.000	0.000032	0.001		<LOQ



Potency Summary

Total THC 0.120%	35.820mg	Total CBD 3.723%	1,111.316mg
Total CBG 0.152%	45.372mg	Total CBN None Detected	
Other Cannabinoids 0.203%	60.596mg	Total Cannabinoids 4.198%	1,253.103mg

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Heavy Metals

Specimen Weight: 249.100 mg

Passed
(ICP-MS)

Dilution Factor: 2.000

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	100	1500	<LOQ	Cadmium (Cd)	100	500	<LOQ
Lead (Pb)	100	500	<LOQ	Mercury (Hg)	100	3000	<LOQ



Mycotoxins

Specimen Weight: 190.100 mg

Passed
(LCMS)

Dilution Factor: 7.891

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	6	20	<LOQ	Aflatoxin B2	6	20	<LOQ
Aflatoxin G1	6	20	<LOQ	Aflatoxin G2	6	20	<LOQ
Ochratoxin A	12	20	<LOQ				

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Pesticides FL (MGK)

Specimen Weight: 190.100 mg

Passed
(LCMS/GCMS)

Dilution Factor: 7.891

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

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Number of Units: 2
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Residual Solvents – FL/UT (BHB)

Specimen Weight: 7.800 mg

Passed
(GCMS)

Dilution Factor: 1.000

Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.16	8	<LOQ	1,2 Dimethoxyethane	0.04	100	<LOQ
1,2-Dichloroethane	1.67	2	<LOQ	1,4 Dioxane	1.67	380	<LOQ
1-Butanol	1.67	5000	<LOQ	1-Pentanol	1.67	5000	<LOQ
1-Propanol	1.67	5000	<LOQ	2,2-dimethylbutane	1.67	290	<LOQ
2,3-dimethylbutane	1.67	290	<LOQ	2-Butanol	1.67	5000	<LOQ
2-Butanone	6.4	5000	<LOQ	2-Ethoxyethanol	1.67	160	<LOQ
2-methylbutane	1.67	5000	<LOQ	2-Methylpentane	1.67	290	<LOQ
2-Propanol (IPA)	1.67	5000	<LOQ	3-Methylpentane	1.67	290	<LOQ
Acetone	1.67	5000	<LOQ	Acetonitrile	0.02	410	<LOQ
Benzene	1.67	2	<LOQ	Butane	1.67	2000	<LOQ
Chloroform	0.04	60	<LOQ	Cumene	1.67	70	<LOQ
Cyclohexane	1.67	3880	<LOQ	Dichloromethane	1.67	600	<LOQ
Dimethyl sulfoxide	1.67	5000	<LOQ	Ethanol	1.67	5000	<LOQ
Ethyl Acetate	1.11	5000	<LOQ	Ethyl Ether	1.39	5000	<LOQ
Ethylene glycol	1.67	620	<LOQ	Ethylene Oxide	0.1	5	<LOQ
Heptane	1.67	5000	<LOQ	Hexane	1.17	290	<LOQ
Isopropyl acetate	1.67	5000	<LOQ	Isopropyl alcohol	1.67	500	<LOQ
Methanol	0.69	3000	<LOQ	Methylene chloride	2.43	600	<LOQ
Methylpropane	1.67	5000	<LOQ	N,N-dimethylacetamide	1.67	1090	<LOQ
N,N-dimethylformamide	1.67	880	<LOQ	Pentane	1.67	5000	<LOQ
Propane	1.67	2100	<LOQ	Pyridine	1.67	100	<LOQ
Sulfolane	1.67	160	<LOQ	Tetrahydrofuran	1.67	720	<LOQ
Toluene	1.67	890	<LOQ	Total Xylenes	1.67	1000	<LOQ
Trichloroethylene	0.49	80	<LOQ				

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Water Activity

Specimen Weight: 0.500 g

Tested
(Water Activity Analyzer)

Dilution Factor: 1.000

Analyte	Action Level (aw)	Result (aw)
Water Activity	0.85	0.314



Listeria Monocytogenes

Specimen Weight: 999.500 mg

Passed
(qPCR)

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result
Listeria Monocytogenes	1	Absence in 1g



Pathogenic SAE (qPCR) - CO Extracts

Specimen Weight: 25.002 g

Passed
(qPCR)

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result (cfu/g)	Analyte	Action Level (cfu/g)	Result (cfu/g)
Aspergillus (Flavus, Fumigatus, Niger, Terreus)	1	Absence in 1g	E.Coli	25	Absence in 25g
			Salmonella	25	Absence in 25g

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Microbiology (Petrifilm/Plating) - CO

Specimen Weight: 997.130 mg

Tested
(Petrifilm)

Dilution Factor: 10.000

Analyte	LOQ (cfu/g)	Result (cfu/g)	Analyte	LOQ (cfu/g)	Result (cfu/g)
Aerobic Bacteria	10	<10	E. Coli / Coliform	10	<10
Yeast/Mold	10	<10			

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