



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

# Certificate of Analysis

## Compliance Test

**Balanced Health Botanicals**  
1500 W Hampden Ave  
Sheridan, CO 80110

Batch # 4202541  
Batch Date: 2021-02-03  
Extracted From: Industrial Hemp

Sampling Method: MSP 7.3.1 Test Reg  
State: Florida

Order # BAL210203-030023  
Order Date: 2021-02-03  
Sample # AAAY849

Sampling Date: 2021-02-08  
Lab Batch Date: 2021-02-08  
Completion Date: 2021-02-12

Initial Gross Weight: 37.393 g  
Density: 0.9705 g/ml



Product Image

- Potency**  
Tested
- Heavy Metals**  
Passed
- Mycotoxins**  
Passed
- Pesticides**  
Passed
- Residual Solvents**  
Passed
- Water Activity**  
Tested
- Pathogenic**  
Passed
- Microbiology (qPCR)**  
Passed

**Potency - 11**  
Specimen Weight: 94.080 mg

**Tested**  
(HPLC/LCMS)

**Potency Summary**

<b>Total CBD</b> 7.156%	<b>Total THC</b> 0.108%
<b>Total CBG</b> 0.039%	<b>Total CBN</b> 0.022%
<b>Other Cannabinoids</b> 0.168%	<b>Total Cannabinoids</b> 7.493%

Pieces For Panel: 30

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/ml)	(%)
CBD	10.000	0.000054	0.001	69.109	7.121
CBC	10.000	0.000018	0.001	1.628	0.168
Delta-9 THC	10.000	0.000013	0.001	1.044	0.108
CBDA	10.000	0.000001	0.001	0.392	0.040
CBG	10.000	0.000248	0.001	0.377	0.039
CBN	10.000	0.000014	0.001	0.212	0.022
Delta-8 THC	10.000	0.000026	0.001		<LOQ
CBGA	10.000	0.00008	0.001		<LOQ
THCV	10.000	0.000007	0.001		<LOQ
CBDV	10.000	0.000065	0.001		<LOQ
THCA-A	10.000	0.000032	0.001		<LOQ

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### H Heavy Metals

Specimen Weight: 247.600 mg

Passed  
(ICP-MS)

Pieces For Panel: 30 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
Total Contaminant Load (TCL) <b>None Detected</b>							

### Mycotoxins

Specimen Weight: 199.340 mg

Passed  
(LCMS)

Pieces For Panel: 30 Dilution Factor: 7.525

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 V4

Specimen Weight: 199.340 mg

**Passed**  
(LCMS/GCMS)

Pieces For Panel: 30 Dilution Factor: 7.525

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	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
Chlorantraniliprole	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	Flonicamid	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
Metalaxyl	10	3000	<LOQ	Methiocarb	30	100	<LOQ
Methomyl	30	100	<LOQ	methyl-Parathion	10	100	<LOQ
Mevinphos	10	100	<LOQ	Myclobutanil	30	3000	<LOQ
Naled	30	500	<LOQ	Oxamyl	30	500	<LOQ
Paclbutrazol	30	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	Total Contaminant Load (TCL)	None Detected		

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Initial Gross Weight: 37.393 g  
Density: 0.9705 g/ml

**Residual Solvents – FL/UT (BHB)** **Passed**  
(GCMS)

Specimen Weight: 13.000 mg

Pieces For Panel: 30 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	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)

Pieces For Panel: 30 Dilution Factor: 1.000

Analyte	Action Level (aw)	Result (aw)
Water Activity	0.85	0.334



## Pathogenic SAE (qPCR)

Specimen Weight: 226.300 mg

**Passed**  
(qPCR)

Pieces For Panel: 30 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	1	Absence in 1g
			Salmonella	1	Absence in 1g



## Total Yeast and Mold

Specimen Weight: 250.400 mg

**Passed**  
(qPCR)

Pieces For Panel: 30 Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result
Total Yeast/Mold	100000	Passed

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