



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

Certificate of Analysis

Compliance Test

Balanced Health Botanicals (BHB)
1500 W. HAMPDEN AVE SUITE 5H
ENGLEWOOD, CO 80110

Batch # 1211660
Batch Date: 2021-06-23
Extracted From: HEMP

Sampling Method: MSP 7.3.1
Test Reg State: Florida

Production Date: 2021-06-23

Order # BAL210629-020025
Order Date: 2021-06-29
Sample # AAB0291

Sampling Date: 2021-07-02
Lab Batch Date: 2021-07-02
Completion Date: 2021-08-16

Initial Gross Weight: 3200.000 g
Net Weight: 30.500 g
Density: 0.9496 g/ml

Number of Units: 1
Net Weight per Unit: 30500.000 mg



Product Image

Potency Tested	Terpenes Tested	Heavy Metals Passed	Pesticides Passed	Residual Solvents Passed
Water Activity Tested	Listeria Monocytogenes Passed	Pathogenic Passed	Microbiology Petrifilm Passed	

Potency - 11

Specimen Weight: 112.720 mg

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/ml)	(%)
CBD	10.000	0.000054	0.001	17.957	1.891
CBG	10.000	0.000248	0.001	17.871	1.882
CBC	10.000	0.000018	0.001	1.334	0.141
Delta-9 THC	10.000	0.000013	0.001	1.193	0.126
CBDA	10.000	0.00001	0.001	0.223	0.023
Delta-8 THC	10.000	0.000026	0.001	<LOQ	<LOQ
THCV	10.000	0.000007	0.001	<LOQ	<LOQ
CBN	10.000	0.000014	0.001	<LOQ	<LOQ
CBGA	10.000	0.00008	0.001	<LOQ	<LOQ
CBDV	10.000	0.000065	0.001	<LOQ	<LOQ
THCA-A	10.000	0.000032	0.001	<LOQ	<LOQ

Tested (HPLC/LCMS)

Potency Summary

0.126% Total THC	38.430mg	1.912% Total CBD	583.160mg
1.882% Total CBG	574.010mg	Total CBN	None Detected
0.141% Other Cannabinoids	43.005mg	Total Cannabinoids	1,238.300mg

Terpenes Summary

Analyte	Result (mg/g)	(%)
alpha-Bisabolol	0.648	0.065%
trans-Caryophyllene	0.511	0.051%
Guaiol	0.256	0.026%

Total Terpenes: 0.142%

Detailed Terpenes Analysis is on the following page

Xueli Gao
Xueli Gao Lab Toxicologist
Ph.D., DABT

Aixia Sun
Aixia Sun Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)



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Order # BAL210629-020025
Order Date: 2021-06-29
Sample # AABO291

Sampling Date: 2021-07-02
Lab Batch Date: 2021-07-02
Completion Date: 2021-08-16

Initial Gross Weight: 3200.000 g
Net Weight: 30.500 g
Density: 0.9496 g/ml

Number of Units: 1
Net Weight per Unit: 30500.000 mg



Terpenes

Specimen Weight: 112.720 mg

Tested
(GC/GCMS)

Dilution Factor: 20.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
alpha-Bisabolol	0.02	0.648	0.065	trans-Caryophyllene	0.02	0.511	0.051
Guaialol	0.02	0.256	0.026	(+)-Cedrol	0.02	<LOQ	<LOQ
Nerol	0.02	<LOQ	<LOQ	Geraniol	0.02	<LOQ	<LOQ
Geranyl acetate	0.02	<LOQ	<LOQ	Hexahydrothymol	0.02	<LOQ	<LOQ
Isoborneol	0.02	<LOQ	<LOQ	Isopulegol	0.02	<LOQ	<LOQ
Linalool	0.02	<LOQ	<LOQ	Pulegone	0.02	<LOQ	<LOQ
Ocimene	0.014	<LOQ	<LOQ	Gamma-Terpinene	0.02	<LOQ	<LOQ
Sabinene	0.02	<LOQ	<LOQ	Sabinene Hydrate	0.02	<LOQ	<LOQ
Terpinolene	0.02	<LOQ	<LOQ	Total Terpeneol	0.02	<LOQ	<LOQ
trans-Nerolidol	0.02	<LOQ	<LOQ	Fenchone	0.02	<LOQ	<LOQ
Fenchyl Alcohol	0.02	<LOQ	<LOQ	3-Carene	0.02	<LOQ	<LOQ
alpha-Cedrene	0.02	<LOQ	<LOQ	alpha-Humulene	0.02	<LOQ	<LOQ
alpha-Phellandrene	0.02	<LOQ	<LOQ	alpha-Pinene	0.02	<LOQ	<LOQ
alpha-Terpinene	0.02	<LOQ	<LOQ	beta-Myrcene	0.02	<LOQ	<LOQ
(R)-(+)-Limonene	0.02	<LOQ	<LOQ	beta-Pinene	0.02	<LOQ	<LOQ
Borneol	0.04	<LOQ	<LOQ	Camphene	0.02	<LOQ	<LOQ
Camphors	0.04	<LOQ	<LOQ	Caryophyllene oxide	0.02	<LOQ	<LOQ
cis-Nerolidol	0.02	<LOQ	<LOQ	Eucalyptol	0.02	<LOQ	<LOQ
Farnesene	0.02	<LOQ	<LOQ	Valencene	0.02	<LOQ	<LOQ

Total Terpenes: 0.142%

Xueli Gao
Xueli Gao Lab Toxicologist
Ph.D., DABT

Aixia Sun
Aixia Sun Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)



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Order Date: 2021-06-29
Sample # AABO291

Sampling Date: 2021-07-02
Lab Batch Date: 2021-07-02
Completion Date: 2021-08-16

Initial Gross Weight: 3200.000 g
Net Weight: 30.500 g
Density: 0.9496 g/ml

Number of Units: 1
Net Weight per Unit: 30500.000 mg

H Heavy Metals

Specimen Weight: 254.530 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

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Order Date: 2021-06-29
Sample # AABO291

Sampling Date: 2021-07-02
Lab Batch Date: 2021-07-02
Completion Date: 2021-08-16

Initial Gross Weight: 3200.000 g
Net Weight: 30.500 g
Density: 0.9496 g/ml

Number of Units: 1
Net Weight per Unit: 30500.000 mg

Pesticides FL (MGK) **Passed**
(LCMS/GCMS)

Specimen Weight: 184.900 mg

Dilution Factor: 8.113

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	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
Metalaxyl	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
Paclotrazol	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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Sample # AABO291

Sampling Date: 2021-07-02
Lab Batch Date: 2021-07-02
Completion Date: 2021-08-16

Initial Gross Weight: 3200.000 g
Net Weight: 30.500 g
Density: 0.9496 g/ml

Number of Units: 1
Net Weight per Unit: 30500.000 mg

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

Specimen Weight: 108.500 mg

Dilution Factor: 50.000

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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Initial Gross Weight: 3200.000 g
Net Weight: 30.500 g
Density: 0.9496 g/ml

Number of Units: 1
Net Weight per Unit: 30500.000 mg

Water Activity Tested (Water Activity Analyzer)

Specimen Weight: 0.500 g

Dilution Factor: 1.000

Analyte	Action Level (aw)	Result (aw)
Water Activity	0.85	0.247

Listeria Monocytogenes Passed (qPCR)

Specimen Weight: 1008.300 mg

Dilution Factor: 1.000

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

Pathogenic SAE (qPCR) Passed (qPCR)

Specimen Weight: 239.170 mg

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 25g
			Salmonella	1	Absence in 25g

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Xueli Gao Lab Toxicologist
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D.H.Sc., M.Sc., B.Sc., MT (AAB)



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Relief + Relax FSO Tincture 1:1 Ratio
(CBG 500mg: CBD 500mg)
Sample Matrix:
CBD/HEMP
Derivative Products
(Ingestion)



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

Certificate of Analysis

Compliance Test

Balanced Health Botanicals (BHB)
1500 W. HAMPDEN AVE SUITE 5H
ENGLEWOOD, CO 80110

Batch # 1211660
Batch Date: 2021-06-23
Extracted From: HEMP

Sampling Method: MSP 7.3.1
Test Reg State: Florida

Production Date: 2021-06-23

Order # BAL210629-020025
Order Date: 2021-06-29
Sample # AABO291

Sampling Date: 2021-07-02
Lab Batch Date: 2021-07-02
Completion Date: 2021-08-16

Initial Gross Weight: 3200.000 g
Net Weight: 30.500 g
Density: 0.9496 g/ml

Number of Units: 1
Net Weight per Unit: 30500.000 mg



Microbiology (Petrifilm/Plating) - CO

Passed
(Petrifilm)

Specimen Weight: 994.000 mg

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			

Xueli Gao
Xueli Gao
Lab Toxicologist
Ph.D., DABT

Aixia Sun
Aixia Sun
Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)



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