



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 # 6211370
Batch Date: 2021-05-19
Extracted From: Industrial Hemp

Sampling Method: MSP 7.3.1 Test Reg
State: Florida

Order # BAL210519-010088
Order Date: 2021-05-19
Sample # AABJ449

Sampling Date: 2021-05-21
Lab Batch Date: 2021-05-21
Completion Date: 2021-06-07

Initial Gross Weight: 42.686 g



Product Image

Potency
Tested

Heavy Metals
Passed

Mycotoxins
Passed

Pesticides
Passed

Residual Solvents
Passed

Water Activity
Tested

Listeria
Monocytogenes
Passed

Pathogenic
Passed



Potency - 11

Specimen Weight: 31.250 mg

| Analyte | Dilution (1:n) | LOD (%) | LOQ (%) | Result (mg/g) | (%) |
|-------------|----------------|----------|---------|---------------|--------|
| CBD | 10.000 | 0.000054 | 0.001 | 994.529 | 99.453 |
| CBDV | 10.000 | 0.000065 | 0.001 | 3.208 | 0.321 |
| THCV | 10.000 | 0.000007 | 0.001 | 0.895 | 0.090 |
| Delta-9 THC | 10.000 | 0.000013 | 0.001 | 0.369 | 0.037 |
| CBC | 10.000 | 0.000018 | 0.001 | | <LOQ |
| Delta-8 THC | 10.000 | 0.000026 | 0.001 | | <LOQ |
| CBN | 10.000 | 0.000014 | 0.001 | | <LOQ |
| CBGA | 10.000 | 0.000008 | 0.001 | | <LOQ |
| CBG | 10.000 | 0.000248 | 0.001 | | <LOQ |
| CBDA | 10.000 | 0.000001 | 0.001 | | <LOQ |
| THCA-A | 10.000 | 0.000032 | 0.001 | | <LOQ |

Tested (HPLC/LCMS)



Potency Summary

| | |
|------------------------------|-------------------------------|
| Total THC 0.037% | Total CBD 99.453% |
| Total CBG None Detected | Total CBN None Detected |
| Other Cannabinoids 0.410% | Total Cannabinoids 99.900% |

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Aixia Sun
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Initial Gross Weight: 42.686 g

H Heavy Metals Passed (ICP-MS)

Specimen Weight: 249.700 mg

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 Passed (LCMS)

Specimen Weight: 162.300 mg

Dilution Factor: 9.242

| 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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Sample # AABJ449

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Lab Batch Date: 2021-05-21
Completion Date: 2021-06-07

Initial Gross Weight: 42.686 g

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

Specimen Weight: 162.300 mg

Dilution Factor: 9.242

| 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 | Clofentazine | 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 |
| Metaxalyl | 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 |
| Paclbutrazol | 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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Completion Date: 2021-06-07

Initial Gross Weight: 42.686 g

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

Specimen Weight: 12.000 mg

Dilution Factor: 1.000

| Analyte | LOQ (ppm) | Action Level (ppm) | Result (ppm) | Analyte | LOQ (ppm) | Action Level (ppm) | Result (ppm) |
|-----------------------|-----------|--------------------|--------------|-----------------------|-----------|--------------------|--------------|
| 1,1-Dichloroethane | 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 | 146.982 | 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: 42.686 g

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 | 0.335 |

Listeria Monocytogenes Passed (qPCR)

Specimen Weight: 1024.020 mg

Dilution Factor: 1.000

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

Pathogenic SAE (qPCR) Passed (qPCR)

Specimen Weight: 271.300 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 1g |
| | | | Salmonella | 1 | Absence in 1g |

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