



CERTIFICATE OF ANALYSIS

Customer: Balanced Health Botanicals - Sheridan, CO 80110

| | | |
|------------------------------------|--|--|
| Order #: 708037 | Specimen Type: Extract | Initial Gross Weight: 197301.00(mg) |
| Batch #: 19835A19290C5 | Description: cdbRX 1000mg Broad Spectrum Relief Stick Cooling | Specimen Weight: 92.60(mg) |
| Order Date: 10/23/2019 | Extracted From: Industrial Hemp | |
| Collection Date: 10/23/2019 | Method: SOP-3 | |
| Report Date: 11/13/2019 | | |

Potency - 11

(HPLC)

| Analyte | Result (mg/g) | (%) | LOQ (%) | Analyte | Result (mg/g) | (%) | LOQ (%) | Analyte | Result (mg/g) | (%) | LOQ (%) |
|-----------|---------------|-----|---------|-------------|---------------|-------|---------|-------------|---------------|-------|---------|
| CBC | | ND | 0.001 | CBD | 19.820 | 1.982 | 0.001 | CBDA | | ND | 0.001 |
| CBDV | | ND | 0.001 | CBG | | ND | 0.001 | CBGA | | ND | 0.001 |
| CBN | | ND | 0.001 | Delta-8-THC | | ND | 0.001 | Delta-9-THC | | ND | 0.001 |
| THCA-A | | ND | 0.001 | THCV | | ND | 0.001 | Total CBD | 19.820 | 1.982 | 0.001 |
| Total THC | | ND | 0.001 | | | | | | | | |

Pesticides. (Passed)

(LCMS/MS)

| Analyte | Action Level (ppm) | Result (ppm) | LOQ (ppm) | Analyte | Action Level (ppm) | Result (ppm) | LOQ (ppm) | Analyte | Action Level (ppm) | Result (ppm) | LOQ (ppm) |
|-------------------|--------------------|--------------|-----------|--------------|--------------------|--------------|-----------|---------------------|--------------------|--------------|-----------|
| Abamectin | 0.500 | <LOQ | 0.100 | Acephate | 0.400 | <LOQ | 0.100 | Acequinocyl | 2.000 | <LOQ | 0.750 |
| Acetamiprid | 0.200 | <LOQ | 0.100 | Aldicarb | 0.400 | <LOQ | 0.100 | Azoxystrobin | 0.200 | <LOQ | 0.100 |
| Bifenazate | 0.200 | <LOQ | 0.100 | Bifenthrin | 0.200 | <LOQ | 0.100 | Boscalid | 0.400 | <LOQ | 0.100 |
| Carbaryl | 0.200 | <LOQ | 0.100 | Carbofuran | 0.200 | <LOQ | 0.100 | Chlorantraniliprole | 0.200 | <LOQ | 0.100 |
| Chlorpyrifos | 0.200 | <LOQ | 0.100 | Clofentezine | 0.200 | <LOQ | 0.100 | Cypermethrin | 1.000 | <LOQ | 0.100 |
| Daminozide | 1.000 | <LOQ | 0.100 | Diazinon | 0.200 | <LOQ | 0.100 | Dichlorvos | 0.100 | <LOQ | 0.100 |
| Dimethoate | 0.200 | <LOQ | 0.100 | Ethoprophos | 0.200 | <LOQ | 0.100 | Etofenprox | 0.400 | <LOQ | 0.100 |
| Etoxazole | 0.200 | <LOQ | 0.100 | Fenoxycarb | 0.200 | <LOQ | 0.100 | Fipronil | 0.400 | <LOQ | 0.100 |
| Fonicamid | 1.000 | <LOQ | 0.100 | Fludioxonil | 0.400 | <LOQ | 0.100 | Hexythiazox | 1.000 | <LOQ | 0.100 |
| Imazalil | 0.200 | <LOQ | 0.100 | Imidacloprid | 0.400 | <LOQ | 0.100 | Kresoxim Methyl | 0.400 | <LOQ | 0.100 |
| Malathion A | 0.200 | <LOQ | 0.100 | Metalaxyl | 0.200 | <LOQ | 0.100 | Methiocarb | 0.200 | <LOQ | 0.100 |
| Methomyl | 0.400 | <LOQ | 0.100 | MGK-264 | 0.200 | <LOQ | 0.100 | Myclobutanil | 0.200 | <LOQ | 0.100 |
| Naled | 0.500 | <LOQ | 0.100 | Oxaryl | 1.000 | <LOQ | 0.100 | Paclbutrazol | 0.400 | <LOQ | 0.100 |
| Parathion-methyl | 0.200 | <LOQ | 0.250 | Permethrin | 0.200 | <LOQ | 0.100 | Phosmet | 0.200 | <LOQ | 0.100 |
| Piperonylbutoxide | 2.000 | <LOQ | 0.100 | Prallethrin | 0.200 | <LOQ | 0.100 | Propiconazole | 0.400 | <LOQ | 0.100 |
| Propoxur | 0.200 | <LOQ | 0.100 | Pyrethrins | 1.000 | <LOQ | 0.100 | Pyridaben | 0.200 | <LOQ | 0.100 |
| Spinosyn A | 0.200 | <LOQ | 0.100 | Spinosyn D | 0.200 | <LOQ | 0.100 | Spiromesifen | 0.200 | <LOQ | 0.100 |
| Spirotetramat | 0.200 | <LOQ | 0.100 | Spiroxamine | 0.400 | <LOQ | 0.100 | Tebuconazole | 0.400 | <LOQ | 0.100 |
| Thiacloprid | 0.200 | <LOQ | 0.100 | Thiamethoxam | 0.200 | <LOQ | 0.100 | Trifloxystrobin | 0.200 | <LOQ | 0.100 |

Xueli Gao, Ph.D., DABT
Lab Toxicologist

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

* Total CBD = CBD + (CBD-A * 0.877). Total THC = THCA-A * 0.877 + Delta 9 THC, ND = <LOQ, T-Caryophyllene = Trans-Caryophyllene. <LOQ = Less Than Limit of Quantitation, QNS = Quantity Not Sufficient. (%) = Percent, (ppm) = Parts per Million, (ppb) = Parts per Billion, (µg/Kg) = Microgram per Kilogram, (mg/g) = Milligram per Gram, ppm = (µg/g), ppb = (µg/kg).

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| Order #: 708037 | Specimen Type: Extract | Initial Gross Weight: 197301.00(mg) |
| Batch #: 19835A19290C5 | Description: cdbRX 1000mg Broad Spectrum Relief Stick Cooling | Specimen Weight: 92.60(mg) |
| Order Date: 10/23/2019 | Extracted From: Industrial Hemp | |
| Collection Date: 10/23/2019 | Method: SOP-3 | |
| Report Date: 11/13/2019 | | |

Residual Solvents (Passed)

| Analyte | Action Level (ppm) | Result (ppm) | LOQ (ppm) | Analyte | Action Level (ppm) | Result (ppm) | LOQ (ppm) | Analyte | Action Level (ppm) | Result (ppm) | LOQ (ppm) |
|-------------|--------------------|--------------|-----------|----------|--------------------|--------------|-----------|------------|--------------------|--------------|-----------|
| Acetone | 5,000.000 | <LOQ | 87.900 | Benzene | 1.600 | <LOQ | 1.600 | Chloroform | 53.000 | <LOQ | 53.000 |
| Ethanol | 5,000.000 | <LOQ | 26.700 | Hexane | 60.000 | <LOQ | 36.600 | I-Butane | 5,000.000 | <LOQ | 100.000 |
| Isopropanol | 5,000.000 | 74303.642 | 52.300 | Methanol | 3,000.000 | <LOQ | 87.900 | N-Butane | 5,000.000 | <LOQ | 200.000 |
| Pentane | 5,000.000 | <LOQ | 389.500 | Toluene | 890.000 | <LOQ | 38.400 | | | | |

Microbiology - Plating Method

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

Heavy Metals (Passed)

| Analyte | Action Level (ppb) | Result (ppb) | LOQ (ppb) | Analyte | Action Level (ppb) | Result (ppb) | LOQ (ppb) | Analyte | Action Level (ppb) | Result (ppb) | LOQ (ppb) |
|--------------|--------------------|--------------|-----------|--------------|--------------------|--------------|-----------|-----------|--------------------|--------------|-----------|
| Arsenic (As) | 500.000 | <LOQ | 100.000 | Cadmium (Cd) | 500.000 | <LOQ | 100.000 | Lead (Pb) | 500.000 | <LOQ | 100.000 |
| Mercury (Hg) | 500.000 | <LOQ | 100.000 | | | | | | | | |


Mycotoxins (Passed)

| Analyte | Action Level (ppb) | Result (ppb) | LOQ (ppb) | Analyte | Action Level (ppb) | Result (ppb) | LOQ (ppb) | Analyte | Action Level (ppb) | Result (ppb) | LOQ (ppb) |
|--------------|--------------------|--------------|-----------|-----------------|--------------------|--------------|-----------|--------------|--------------------|--------------|-----------|
| Aflatoxin B1 | | <LOQ | 6.000 | Aflatoxin B2 | | <LOQ | 6.000 | Aflatoxin G1 | | <LOQ | 6.000 |
| Aflatoxin G2 | | <LOQ | 6.000 | Aflatoxin Total | 20.000 | <LOQ | 6.000 | Ochratoxin A | 20.000 | <LOQ | 12.000 |

Water Activity

| Analyte | Action Level (aw) | Result (aw) |
|----------------|-------------------|-------------|
| Water Activity | 0.850 | 0.344 |


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