



Certificate of Analysis
Compliance Test

Client Information:

Extract Labs

1399 Horizon Ave.
Lafayette, CO 80026

Batch # 23G2010111 Test Reg State: Colorado
Batch Date: 2023-10-26
Extracted From: Hemp

Order # EXT231027-040001
Order Date: 2023-10-27
Sample # AAEZ660

Sampling Date: 2023-10-30
Lab Batch Date: 2023-10-30
Completion Date: 2023-11-06

Initial Gross Weight: 106.500 g
Net Weight: 63.200 g
Density: 1.0336 g/ml
Volume: 30 ml

Number of Units: 3
Net Weight per Unit: 21066.667 mg
Sampling Method: MSP 7.3.1



Product Image

Potency Tested |
 Heavy Metals Passed |
 Mycotoxins Passed |
 Pesticides Passed |
 Residual Solvents Passed
Pathogenic Microbiology Passed |
 Microbiology Petrifilm Passed

Potency 10

Specimen Weight: 105.570 mg

Tested

SOP13.001 (LCUV)

| Analyte | Dilution (1:n) | LOD (%) | LOQ (%) | Result (mg/ml) | (%) |
|------------------|----------------|---------|---------|----------------|-------|
| CBD | 10.000 | 5.40E-5 | 0.015 | 34.388 | 3.327 |
| CBN | 10.000 | 1.40E-5 | 0.015 | 11.762 | 1.138 |
| CBC | 10.000 | 1.80E-5 | 0.015 | 2.016 | 0.195 |
| Delta-9 THC | 10.000 | 1.30E-5 | 0.015 | 1.023 | 0.099 |
| CBDV | 10.000 | 6.50E-5 | 0.015 | 0.620 | 0.060 |
| CBG | 10.000 | 2.48E-4 | 0.015 | 0.589 | 0.057 |
| CBDA | 10.000 | 1.00E-5 | 0.015 | <LOQ | <LOQ |
| CBGA | 10.000 | 8.00E-5 | 0.015 | <LOQ | <LOQ |
| THCA-A | 10.000 | 3.20E-5 | 0.015 | <LOQ | <LOQ |
| THCV | 10.000 | 7.00E-6 | 0.015 | <LOQ | <LOQ |
| Total Active CBD | 10.000 | | | 33.270 | 3.327 |
| Total Active THC | 10.000 | | | 0.990 | 0.099 |

Potency Summary

| | |
|---|--|
| Total Active THC 0.099% 1.023 mg/ml | Total Active CBD 3.327% 34.388 mg/ml |
| Total CBG 0.057% 0.589 mg/ml | Total CBN 1.138% 11.762 mg/ml |
| Other Cannabinoids 0.255% 2.636 mg/ml | Total Cannabinoids 4.876% 50.398 mg/ml |

Aixia Sun
Aixia Sun Lab Director/Principal Scientist

D.H.Sc., M.Sc., B.Sc., MT (AAB)



Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A * 0.877), *Total CBDV = CBDV + (CBDVA * 0.87), Total Active THC = THCA-A * 0.877 + Delta 9 THC, Total THCV = THCV + (THCVA * 0.87), CBG Total = (CBGA * 0.877) + CBG, CBN Total = (CBNA * 0.877) + CBN, Total CBC = CBC + (CBCA * 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Total THCP = Delta8-THCP + Delta9-THCP, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta8-THC + Delta9-THC + Total CBN + CBT + CBE + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate + Total THCP. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = Water Activity, (mg/Kg) = Milligram per Kilogram, ACS uses simple acceptance criteria. Passed - Analyte/microbe is not detected or is at the level below the action limit per CO rule 6 CCR 1010-21. Failed - Analyte/microbe is at the level that equal or above the action limit per CO rule 6 CCR 1010-21 Sample not received via laboratory sampling.

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Pathogenic Microbiology - SE (MicroArray) - CO
Specimen Weight: 25.060 mg

Dilution Factor: 1.000

| Analyte | Action Limit (cfu/g) | Result (cfu/g) | Analyte | Action Limit (cfu/g) | Result (cfu/g) |
|------------|----------------------|----------------|---------|----------------------|----------------|
| Salmonella | 25 | Absence in 25g | STEC | 25 | Absence in 25g |

Passed
SOP13.019 (Micro Array)

Microbiology (Petrifilm) - CO
Specimen Weight: 992.600 mg

Dilution Factor: 1.000

| Analyte | LOQ (cfu/g) | Action Limit (cfu/g) | Result (cfu/g) | Analyte | LOQ (cfu/g) | Action Limit (cfu/g) | Result (cfu/g) |
|------------------|-------------|----------------------|----------------|------------|-------------|----------------------|----------------|
| Aerobic Bacteria | 10 | 10000 | <10 | Yeast/Mold | 10 | 1000 | <10 |
| Total Coliform | 10 | 100 | <10 | | | | |

Passed
SOP13.003 (Petrifilm)

Aixia Sun

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

Definitions are found on page 1

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Order Date: 2023-10-27 Lab Batch Date: 2023-10-30 Net Weight: 63.200 g Net Weight per Unit: 21066.667 mg
Sample # AAEZ660 Completion Date: 2023-11-06 Density: 1.0336 g/ml Sampling Method: MSP 7.3.1
Volume: 30 ml

Mycotoxins - CO **Passed**
Specimen Weight: 598.170 mg SOP14.003 (LCMS)

Dilution Factor: 2.510

| Analyte | LOD (ppb) | LOQ (ppb) | Action Limit (ppb) | Result (ppb) | Analyte | LOD (ppb) | LOQ (ppb) | Action Limit (ppb) | Result (ppb) |
|-----------------|-----------|-----------|--------------------|--------------|--------------|-----------|-----------|--------------------|--------------|
| Aflatoxin B1 | 3.7250E-1 | 2.5 | 5 | <LOQ | Ochratoxin A | 1.8997E-1 | 3.5 | 5 | <LOQ |
| Aflatoxin Total | | 2.5 | 20 | <LOQ | | | | | |

Heavy Metals - CO **Passed**
Specimen Weight: 247.100 mg SOP13.048 (ICP-MS)

Dilution Factor: 202.347

| Analyte | LOD (ppb) | LOQ (ppb) | Action Limit (ppb) | Result (ppb) | Analyte | LOD (ppb) | LOQ (ppb) | Action Limit (ppb) | Result (ppb) |
|--------------|-----------|-----------|--------------------|--------------|--------------|-----------|-----------|--------------------|--------------|
| Arsenic (As) | 4.83 | 100 | 1500 | <LOQ | Lead (Pb) | 0.58 | 100 | 500 | <LOQ |
| Cadmium (Cd) | 0.64 | 100 | 500 | <LOQ | Mercury (Hg) | 11.76 | 100 | 1500 | <LOQ |

Residual Solvents - CO **Passed**
Specimen Weight: 306.700 mg SOP13.039 (GCMS)

Dilution Factor: 500.000

| Analyte | LOD (ppm) | LOQ (ppm) | Action Limit (ppm) | Result (ppm) | Analyte | LOD (ppm) | LOQ (ppm) | Action Limit (ppm) | Result (ppm) |
|---------------|-----------|-----------|--------------------|--------------|-------------------|-----------|-----------|--------------------|--------------|
| Acetone | 0.015 | 2.08 | 1000 | <LOQ | Isopropyl alcohol | 0.0048 | 1.39 | 1000 | <LOQ |
| Benzene | 0.0002 | 0.02 | 2 | <LOQ | Methanol | 0.0005 | 0.69 | 600 | <LOQ |
| Butanes | 0.4167 | 2.5 | 1000 | <LOQ | Pentane | 0.037 | 2.08 | 1000 | <LOQ |
| Ethanol | 0.0021 | 2.78 | 1000 | <LOQ | Propane | 0.031 | 5.83 | 1000 | <LOQ |
| Ethyl Acetate | 0.0012 | 1.11 | 1000 | <LOQ | Toluene | 0.0009 | 2.92 | 180 | <LOQ |
| Heptane | 0.0013 | 1.39 | 1000 | <LOQ | Total Xylenes | 0.0001 | 2.92 | 430 | <LOQ |
| Hexane | 0.068 | 1.17 | 60 | <LOQ | | | | | |

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Pesticides - CO

Specimen Weight: 598.170 mg

Passed
SOP14.003 (LCMS/GCMS)

Dilution Factor: 2.510

| Analyte | LOD (ppb) | LOQ (ppb) | Action Limit (ppb) | Result (ppb) | Analyte | LOD (ppb) | LOQ (ppb) | Action Limit (ppb) | Result (ppb) | Analyte | LOD (ppb) | LOQ (ppb) | Action Limit (ppb) | Result (ppb) |
|---------------------|------------|-----------|--------------------|--------------|--------------------|------------|-----------|--------------------|--------------|------------------------------------|------------|-----------|--------------------|--------------|
| Abamectin | 3.1800E-4 | 100 | 100 | <LOQ | Dodemorph | 6.4700E-12 | 50 | 50 | <LOQ | Naled | 5.8500E-6 | 100 | 100 | <LOQ |
| Acephate | 3.9632E-2 | 20 | 20 | <LOQ | Endosulfan sulfate | 8.8376E-1 | 2500 | 2500 | <LOQ | Novaluron | 2.0500E-4 | 25 | 25 | <LOQ |
| Acequinocyl | 5.7646E-2 | 30 | 30 | <LOQ | Endosulfan-alpha | 1.2220E+1 | 2500 | 2500 | <LOQ | Oxamyl | 1.6190E-3 | 1500 | 1500 | <LOQ |
| Acetamiprid | 3.3800E-10 | 50 | 50 | <LOQ | Endosulfan-beta | 2.2760E+1 | 2500 | 2500 | <LOQ | Paclobotrazol | 6.9300E-8 | 10 | 10 | <LOQ |
| Aldicarb | 2.2744E-2 | 1000 | 1000 | <LOQ | Ethoprophos | 1.5900E-5 | 10 | 10 | <LOQ | Pentachloronitrobenzen(Quintozene) | 4.3900E+0 | 20 | 20 | <LOQ |
| Allethrin | 4.7244E-1 | 200 | 200 | <LOQ | Etofenprox | 8.3050E-3 | 50 | 50 | <LOQ | Permethrin | 2.2089E-2 | 50 | 50 | <LOQ |
| Atrazine | 3.7992E-1 | 25 | 25 | <LOQ | Etoxazole | 8.3558E-1 | 20 | 20 | <LOQ | Phenothrin | 2.1200E-7 | 50 | 50 | <LOQ |
| Azadirachtin | 3.0710E-3 | 1000 | 1000 | <LOQ | Etridiazole | 4.0200E+0 | 150 | 150 | <LOQ | Phosmet | 9.6150E-3 | 20 | 20 | <LOQ |
| Azoxystrobin | 1.3247E-2 | 20 | 20 | <LOQ | Fenhexamid | 1.0947E+0 | 125 | 125 | <LOQ | Piperonylbutoxide | 1.3400E-7 | 1250 | 1250 | <LOQ |
| Benzovindiflupyr | 1.2567E-2 | 20 | 20 | <LOQ | Fenoxycarb | 3.4507E-1 | 10 | 10 | <LOQ | Pirimicarb | 5.6600E-5 | 10 | 10 | <LOQ |
| Bifenazate | 2.1700E-8 | 20 | 20 | <LOQ | Fenpyroximate | 4.4800E-7 | 20 | 20 | <LOQ | Prallethrin | 1.6732E-1 | 50 | 50 | <LOQ |
| Bifenthrin | 8.4200E-4 | 1000 | 1000 | <LOQ | Fensulfothion | 7.9400E-4 | 10 | 10 | <LOQ | Propiconazole | 2.1300E-14 | 100 | 100 | <LOQ |
| Boscalid | 4.3300E-6 | 10 | 10 | <LOQ | Fenthion | 4.9113E+0 | 10 | 10 | <LOQ | Propoxur | 3.5081E-1 | 10 | 10 | <LOQ |
| Buprofezin | 1.6600E-9 | 20 | 20 | <LOQ | Fenvalerate | 5.9775E-1 | 100 | 100 | <LOQ | Pyraclostrobin | 5.3100E-7 | 10 | 10 | <LOQ |
| Carbaryl | 1.3800E-5 | 25 | 25 | <LOQ | Fipronil | 2.8847E-2 | 10 | 10 | <LOQ | Pyrethrins | 6.2350E-3 | 50 | 50 | <LOQ |
| Carbofuran | 7.7600E-5 | 10 | 10 | <LOQ | Fonicamid | 6.9733E-2 | 25 | 25 | <LOQ | Pyridaben | 8.7500E-15 | 20 | 20 | <LOQ |
| Chlorantraniliprole | 1.3559E-1 | 20 | 20 | <LOQ | Fludioxonil | 1.3402E-2 | 10 | 10 | <LOQ | Pyriproxyfen | 9.5800E-5 | 10 | 10 | <LOQ |
| Chlorfenapyr | 1.5370E+1 | 1500 | 1500 | <LOQ | Fluopyram | 1.1200E-9 | 10 | 10 | <LOQ | Resmethrin | 6.8013E-2 | 50 | 50 | <LOQ |
| Chlorpyrifos | 9.0900E-5 | 500 | 500 | <LOQ | Hexythiazox | 6.1900E-5 | 10 | 10 | <LOQ | Spinetoram | 2.3645E-2 | 10 | 10 | <LOQ |
| Clofentezine | 3.7100E-7 | 10 | 10 | <LOQ | Imazalil | 2.9500E-4 | 10 | 10 | <LOQ | Spinosad | 5.9903E-1 | 10 | 10 | <LOQ |
| Clothianidin | 3.9900E-4 | 25 | 25 | <LOQ | Imidacloprid | 1.5300E-4 | 10 | 10 | <LOQ | Spirodiclofen | 3.7377E+6 | 250 | 250 | <LOQ |
| Coumaphos | 9.8600E-5 | 10 | 10 | <LOQ | Iprodione | 1.0554E-1 | 500 | 500 | <LOQ | Spiromesifen | 3.2183E-1 | 3000 | 3000 | <LOQ |
| Cyantraniliprole | 6.0040E-3 | 10 | 10 | <LOQ | Kinoprene | 3.4000E+0 | 500 | 1250 | <LOQ | Spirotetramat | 4.2760E-2 | 10 | 10 | <LOQ |
| Cyfluthrin | 2.8130E+1 | 200 | 200 | <LOQ | Kresoxim Methyl | 1.4500E-4 | 150 | 150 | <LOQ | Spiroxamine | 1.2172E+0 | 100 | 100 | <LOQ |
| Cypermethrin | 1.1900E-6 | 300 | 300 | <LOQ | Lambda Cyhalothrin | 1.1686E-1 | 250 | 250 | <LOQ | Tebuconazole | 1.4800E-14 | 10 | 10 | <LOQ |
| Cyprodinil | 1.1410E-3 | 10 | 10 | <LOQ | Malathion | 1.3300E-4 | 10 | 10 | <LOQ | Tebufenozide | 1.8121E-2 | 10 | 10 | <LOQ |
| Daminozide | 3.0408E-1 | 100 | 100 | <LOQ | Metaxyl | 4.8600E-5 | 10 | 10 | <LOQ | Teflubenzuron | 1.6620E-2 | 25 | 25 | <LOQ |
| Deltamethrin | 4.9284E-1 | 500 | 500 | <LOQ | Methiocarb | 2.2810E-3 | 10 | 10 | <LOQ | Tetrachlorvinphos | 8.3913E-1 | 10 | 10 | <LOQ |
| Diazinon | 3.9100E-10 | 20 | 20 | <LOQ | Methomyl | 1.1500E-6 | 25 | 25 | <LOQ | Tetramethrin | 9.9200E-5 | 100 | 100 | <LOQ |
| Dichlorvos | 1.1406E+0 | 50 | 50 | <LOQ | Methoprene | 1.1485E+0 | 2000 | 2000 | <LOQ | Thiabendazole | 1.2510E-3 | 20 | 20 | <LOQ |
| Dimethoate | 2.8400E-6 | 10 | 10 | <LOQ | methyl-Parathion | 4.2400E+0 | 9.6 | 9.6 | <LOQ | Thiacloprid | 1.1200E-5 | 10 | 10 | <LOQ |
| Dimethomorph | 1.5700E-4 | 50 | 50 | <LOQ | Mevinphos | 4.4200E-5 | 25 | 25 | <LOQ | Thiamethoxam | 2.2500E-6 | 10 | 10 | <LOQ |
| Dinotefuran | 2.3697E-1 | 50 | 50 | <LOQ | MGK-264 | 2.5880E-3 | 50 | 50 | <LOQ | Thiophanate-methyl | 2.2300E-4 | 50 | 50 | <LOQ |
| Diuron | 6.8620E-3 | 125 | 125 | <LOQ | Myclobutanil | 7.0006E-1 | 10 | 10 | <LOQ | Trifloxystrobin | 2.1700E-13 | 10 | 10 | <LOQ |

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