



Certificate of Analysis
Compliance Test

Client Information:

Coastal Clouds
PO Box 16032
Irvine, CA 92623

Batch # HCPB07
Batch Date: 2023-02-15
Extracted From: Hemp

Test Reg State: Florida

Order # COA230222-030001
Order Date: 2023-02-22
Sample # AAD293

Sampling Date: 2023-02-22
Lab Batch Date: 2023-02-22
Orig. Completion Date: 2023-03-02

Initial Gross Weight: 27.838 g

Number of Units: 1
Net Weight per Unit: 2.000 g
Sampling Method: MSP 7.3.1

Statement of Amendment: Merging reports



Product Image

| | | | | |
|--------------------------|---------------------------------|---------------------------------------|--------------------------------------|--------------------------|
| Potency Tested | HHCp Tested | Heavy Metals Passed | 2-3-Butanedione Passed | Mycotoxins Passed |
| Pesticides Passed | Residual Solvents Passed | Pathogenic Microbiology Passed | Listeria Monocytogenes Passed | Vitamin E Passed |

Potency 23 (LCUV) ***

Tested

Potency Summary

| Analyte | Dilution (1:n) | LOD (%) | LOQ (%) | Result (mg/g) | SOP13.002 (LCUV) (%) |
|-----------------------|----------------|---------|---------|---------------|----------------------|
| CBN | 100.000 | 1.40E-5 | 0.0015 | 134.0000 | 13.4000 |
| THCV | 10.000 | 7.00E-6 | 0.0015 | 2.7670 | 0.2767 |
| Delta-8 THC | 10.000 | 2.60E-5 | 0.0015 | 1.7680 | 0.1768 |
| CBGA | 10.000 | 8.00E-5 | 0.0015 | 1.3160 | 0.1316 |
| Delta-8 THCV | 10.000 | 4.00E-5 | 0.0015 | 0.7860 | 0.0786 |
| Delta9-THCP | 10.000 | 1.17E-5 | 0.0012 | 0.4250 | 0.0425 |
| CBC | 100.000 | 1.80E-5 | 0.0015 | <LOQ | <LOQ |
| CBCA | 10.000 | 1.07E-4 | 0.0015 | <LOQ | <LOQ |
| CBD | 10.000 | 5.40E-5 | 0.0015 | <LOQ | <LOQ |
| CBDA | 10.000 | 1.00E-5 | 0.0015 | <LOQ | <LOQ |
| CBDV | 10.000 | 6.50E-5 | 0.0015 | <LOQ | <LOQ |
| CBDVA | 10.000 | 1.40E-5 | 0.0015 | <LOQ | <LOQ |
| CBG | 10.000 | 2.48E-4 | 0.0015 | <LOQ | <LOQ |
| CBL | 10.000 | 3.50E-5 | 0.0015 | <LOQ | <LOQ |
| CBNA | 10.000 | 9.50E-5 | 0.0015 | <LOQ | <LOQ |
| CBT | 10.000 | 2.00E-4 | 0.0015 | <LOQ | <LOQ |
| Delta-8 THC-O Acetate | 10.000 | 2.70E-5 | 0.003 | <LOQ | <LOQ |
| Delta-9 THC | 100.000 | 2.80E-5 | 7.5E-5 | <LOQ | <LOQ |
| Delta-9 THC-O Acetate | 10.000 | 7.70E-5 | 0.003 | <LOQ | <LOQ |
| Delta8-THCP | 10.000 | 3.75E-4 | 0.0015 | <LOQ | <LOQ |
| Exo-THC | 10.000 | 2.30E-4 | 0.0015 | <LOQ | <LOQ |
| THCA-A | 10.000 | 3.20E-5 | 0.0015 | <LOQ | <LOQ |
| THCVA | 10.000 | 4.70E-5 | 0.0015 | <LOQ | <LOQ |
| Total Active CBD | 1000.000 | | | <LOQ | <LOQ |
| Total Active THC | 1000.000 | | | <LOQ | <LOQ |

| | | | | |
|------------------------------------|------------------|---------------|--------------------|---------------|
| 74.951% Total HHC | 1499.026mg | - | Total Active THC | None Detected |
| - | Total Active CBD | None Detected | Total CBG | 2.32mg |
| 13.400% Total CBN | 268mg | 0.116% | Other Cannabinoids | 11.5mg |
| 89.0572% Total Cannabinoids | 1781.144mg | | | |

Summary Results determined from two distinct Potency Tests - Potency 23 (LCUV)

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 THC = 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, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram, Passed - Analyte/microbe is non-detected or at the level below the action limit, Failed - Analyte/microbe is at the level that equal or above the action limit, *Measurement of Uncertainty = +/- 10% Revised report- see statement of amendment above.

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Test Reg State: Florida

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Order Date: 2023-02-22
Sample # AAED293

Sampling Date: 2023-02-22
Lab Batch Date: 2023-02-22
Orig. Completion Date: 2023-03-02

Initial Gross Weight: 27.838 g

Number of Units: 1
Net Weight per Unit: 2.000 g
Sampling Method: MSP 7.3.1

Pesticides FL
Specimen Weight: 268.900 mg

Dilution Factor: 5.580

| Analyte | LOD (ppb) | LOQ (ppb) | Action Level (ppb) | Result (ppb) | Analyte | LOD (ppb) | LOQ (ppb) | Action Level (ppb) | Result (ppb) |
|-----------------------|-----------|-----------|--------------------|--------------|-------------------------|-----------|-----------|--------------------|--------------|
| Abamectin | 2.8800E-1 | 28.23 | 300 | <LOQ | Fludioxonil | 1.7400E+0 | 48 | 3000 | <LOQ |
| Acephate | 2.3000E-2 | 30 | 3000 | <LOQ | Hexythiazox | 4.9000E-2 | 30 | 2000 | <LOQ |
| Acequinocyl | 9.5640E+0 | 48 | 2000 | <LOQ | Imazalil | 2.4800E-1 | 30 | 100 | <LOQ |
| Acetamiprid | 5.2000E-2 | 30 | 3000 | <LOQ | Imidacloprid | 9.4000E-2 | 30 | 3000 | <LOQ |
| Aldicarb | 2.6000E-2 | 30 | 100 | <LOQ | Kresoxim Methyl | 4.2000E-2 | 30 | 1000 | <LOQ |
| Azoxystrobin | 8.1000E-2 | 10 | 3000 | <LOQ | Malathion | 8.2000E-2 | 30 | 2000 | <LOQ |
| Bifenazate | 1.4150E+0 | 30 | 3000 | <LOQ | Metalaxyl | 8.1000E-2 | 10 | 3000 | <LOQ |
| Bifenthrin | 4.3000E-2 | 30 | 500 | <LOQ | Methiocarb | 3.2000E-2 | 30 | 100 | <LOQ |
| Boscalid | 5.5000E-2 | 10 | 3000 | <LOQ | Methomyl | 2.2000E-2 | 30 | 100 | <LOQ |
| Captan | 6.1200E+0 | 30 | 3000 | <LOQ | methyl-Parathion | 1.7100E+0 | 10 | 100 | <LOQ |
| Carbaryl | 2.2000E-2 | 10 | 500 | <LOQ | Mevinphos | 2.1500E+0 | 10 | 100 | <LOQ |
| Carbofuran | 3.4000E-2 | 10 | 100 | <LOQ | Myclobutanil | 1.0290E+0 | 30 | 3000 | <LOQ |
| Chlorantraniliprole | 3.3000E-2 | 10 | 3000 | <LOQ | Naled | 9.5000E-2 | 30 | 500 | <LOQ |
| Chlordane | 1.0000E+1 | 10 | 100 | <LOQ | Oxamyl | 2.5000E-2 | 30 | 500 | <LOQ |
| Chlorfenapyr | 3.4000E-2 | 30 | 100 | <LOQ | Pacllobutrazol | 6.5000E-2 | 30 | 100 | <LOQ |
| Chloromequat Chloride | 1.0800E-1 | 10 | 3000 | <LOQ | Pentachloronitrobenzene | 1.3200E+0 | 10 | 200 | <LOQ |
| Chlorpyrifos | 3.5000E-2 | 30 | 100 | <LOQ | Permethrin | 3.4300E-1 | 30 | 1000 | <LOQ |
| Clofentezine | 1.1900E-1 | 30 | 500 | <LOQ | Phosmet | 8.2000E-2 | 30 | 200 | <LOQ |
| Coumaphos | 3.7700E+0 | 48 | 100 | <LOQ | Piperonylbutoxide | 2.9000E-2 | 30 | 3000 | <LOQ |
| Cyfluthrin | 3.1100E+0 | 30 | 1000 | <LOQ | Prallethrin | 7.9800E-1 | 30 | 400 | <LOQ |
| Cypermethrin | 1.4490E+0 | 30 | 1000 | <LOQ | Propiconazole | 7.0000E-2 | 30 | 1000 | <LOQ |
| Daminozide | 8.8500E-1 | 30 | 100 | <LOQ | Propoxur | 4.6000E-2 | 30 | 100 | <LOQ |
| Diazinon | 4.4000E-2 | 30 | 200 | <LOQ | Pyrethrins | 2.3593E+1 | 30 | 1000 | <LOQ |
| Dichlorvos | 2.1820E+0 | 30 | 100 | <LOQ | Pyridaben | 3.2000E-2 | 30 | 3000 | <LOQ |
| Dimethoate | 2.1000E-2 | 30 | 100 | <LOQ | Spinetoram | 8.0000E-2 | 10 | 3000 | <LOQ |
| Dimethomorph | 5.8300E+0 | 48 | 3000 | <LOQ | Spinosad | 8.8000E-2 | 30 | 3000 | <LOQ |
| Ethoprophos | 3.6000E-1 | 30 | 100 | <LOQ | Spiromesifen | 2.6100E-1 | 30 | 3000 | <LOQ |
| Etofenprox | 1.1600E-1 | 30 | 100 | <LOQ | Spirotetramat | 8.9000E-2 | 30 | 3000 | <LOQ |
| Etoxazole | 9.5000E-2 | 30 | 1500 | <LOQ | Spiroxamine | 1.3100E-1 | 30 | 100 | <LOQ |
| Fenhexamid | 5.1000E-1 | 10 | 3000 | <LOQ | Tebuconazole | 6.7000E-2 | 30 | 1000 | <LOQ |
| Fenoxycarb | 1.0700E-1 | 30 | 100 | <LOQ | Thiacloprid | 6.4000E-2 | 30 | 100 | <LOQ |
| Fenpyroximate | 1.3800E-1 | 30 | 2000 | <LOQ | Thiamethoxam | 5.0000E-2 | 30 | 1000 | <LOQ |
| Fipronil | 1.0700E-1 | 30 | 100 | <LOQ | Trifloxystrobin | 3.7000E-2 | 30 | 3000 | <LOQ |
| Fonicamid | 5.1700E-1 | 30 | 2000 | <LOQ | | | | | |

Passed
SOP13.007
(LCMS/GCMS)

Pathogenic Microbiology SAE
(MicroArray)

Specimen Weight: 1021.500 mg

Dilution Factor: 1.000

| Analyte | Result (cfu/g) | Analyte | Result (cfu/g) |
|-----------------------|----------------|---------------------|----------------|
| Aspergillus flavus | Absence in 1g | Aspergillus terreus | Absence in 1g |
| Aspergillus fumigatus | Absence in 1g | Salmonella | Absence in 1g |
| Aspergillus niger | Absence in 1g | STEC E. Coli | Absence in 1g |

2,3-butanedione(Diacetyl)
Specimen Weight: 12.600 mg

Dilution Factor: 1.000

| Analyte | LOD (ppm) | LOQ (ppm) | Result (ppm) |
|-----------------|-----------|-----------|--------------|
| 2,3-Butanedione | .024 | 0.024 | <LOQ |

Listeria Monocytogenes
Specimen Weight: 998.800 mg

Dilution Factor: 1.000

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

Vitamin E (Tocopheryl Acetate)
Specimen Weight: 268.900 mg

Dilution Factor: 5.580

| Analyte | LOD (ppb) | Result (ppb) |
|--|-----------|--------------|
| Tocopheryl Acetate (Vitamin E Acetate) | .705 | Not Detected |

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

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Residual Solvents - FL (CBD)
Specimen Weight: 12.600 mg

Passed
SOP13.039 (GCMS)

Dilution Factor: 1.000

| Analyte | LOD (ppm) | LOQ (ppm) | Action Level (ppm) | Result (ppm) | Analyte | LOD (ppm) | LOQ (ppm) | Action Level (ppm) | Result (ppm) |
|--------------------|-----------|-----------|--------------------|--------------|--------------------|-----------|-----------|--------------------|--------------|
| 1,1-Dichloroethene | 0.0094 | 0.16 | 8 | <LOQ | Heptane | 0.0013 | 1.39 | 5000 | <LOQ |
| 1,2-Dichloroethane | 0.0003 | 0.04 | 5 | <LOQ | Hexane | 0.068 | 1.17 | 290 | <LOQ |
| Acetone | 0.015 | 2.08 | 5000 | <LOQ | Isopropyl alcohol | 0.0048 | 1.39 | 500 | <LOQ |
| Acetonitrile | 0.06 | 1.17 | 410 | <LOQ | Methanol | 0.0005 | 0.69 | 3000 | <LOQ |
| Benzene | 0.0002 | 0.02 | 2 | <LOQ | Methylene chloride | 0.0029 | 2.43 | 600 | <LOQ |
| Butanes | 0.4167 | 2.5 | 2000 | <LOQ | Pentane | 0.037 | 2.08 | 5000 | <LOQ |
| Chloroform | 0.0001 | 0.04 | 60 | <LOQ | Propane | 0.031 | 5.83 | 2100 | <LOQ |
| Ethanol | 0.0021 | 2.78 | 5000 | <LOQ | Toluene | 0.0009 | 2.92 | 890 | <LOQ |
| Ethyl Acetate | 0.0012 | 1.11 | 5000 | <LOQ | Total Xylenes | 0.0001 | 2.92 | 2170 | <LOQ |
| Ethyl Ether | 0.0049 | 1.39 | 5000 | <LOQ | Trichloroethylene | 0.0014 | 0.49 | 80 | <LOQ |
| Ethylene Oxide | 0.0038 | 0.1 | 5 | <LOQ | | | | | |

HHCP ***
Specimen Weight: 268.900 mg

Tested
SOP13.050 (LCMS)

| Analyte | LOD (%) | LOQ (%) | Result (mg/g) | (%) | Analyte | LOD (%) | LOQ (%) | Result (mg/g) | (%) |
|--------------------|-----------|---------|---------------|--------|-------------|-----------|---------|---------------|---------|
| (9R)-HHC | 3.1100E-7 | 7.5E-5 | 537.0000 | 53.7 | 9(S)-HHCP | 2.5500E-6 | 7.5E-5 | 1.1200 | 0.112 |
| (9S)-HHC | 8.7400E-7 | 7.5E-5 | 203.0000 | 20.3 | Delta-9 THC | 2.8000E-5 | 7.5E-5 | <LOQ | <LOQ |
| (±)-9β-hydroxy-HHC | 4.5800E-7 | 7.5E-5 | 0.8030 | 0.0803 | Total HHC | | | 749.5130 | 74.9513 |
| 9(R)-HHCP | 3.0900E-6 | 7.5E-5 | 7.5900 | 0.759 | | | | | |

Mycotoxins
Specimen Weight: 268.900 mg

Passed
SOP13.007 (LCMS)

Dilution Factor: 5.580

| Analyte | LOD (ppb) | LOQ (ppb) | Action Level (ppb) | Result (ppb) | Analyte | LOD (ppb) | LOQ (ppb) | Action Level (ppb) | Result (ppb) |
|--------------|-----------|-----------|--------------------|--------------|--------------|-----------|-----------|--------------------|--------------|
| Aflatoxin B1 | 3.0400E-1 | 6 | 20 | <LOQ | Aflatoxin G2 | 2.7100E-1 | 6 | 20 | <LOQ |
| Aflatoxin B2 | 7.7000E-2 | 6 | 20 | <LOQ | Ochratoxin A | 7.5400E-1 | 3.8 | 20 | <LOQ |
| Aflatoxin G1 | 3.0400E-1 | 6 | 20 | <LOQ | | | | | |

Heavy Metals
Specimen Weight: 247.400 mg

Passed
SOP13.048 (ICP-MS)

Dilution Factor: 202

| Analyte | LOD (ppb) | LOQ (ppb) | Action Level (ppb) | Result (ppb) | Analyte | LOD (ppb) | LOQ (ppb) | Action Level (ppb) | Result (ppb) |
|--------------|-----------|-----------|--------------------|--------------|--------------|-----------|-----------|--------------------|--------------|
| Arsenic (As) | 4.83 | 100 | 1500 | <LOQ | Lead (Pb) | 11.76 | 100 | 500 | <LOQ |
| Cadmium (Cd) | .64 | 100 | 500 | <LOQ | Mercury (Hg) | .58 | 100 | 3000 | <LOQ |

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