



Certificate of Analysis
Compliance Test

Client Information:

calexo
3638 kinney cir
los angeles, California 90065

Batch # 355-5T5C-03T-001
Batch Date: 2023-07-20
Extracted From: Hemp

Test Reg State: Louisiana
Production Facility: Geary Brewing

Order # CAL230919-030001
Order Date: 2023-09-19
Sample # AAEW395
Density: 1.051 g/ml

Sampling Date: 2023-09-19
Lab Batch Date: 2023-09-19
Completion Date: 2023-09-25

Density: 1.051 g/ml
Volume: 355 ml
Net Weight per Serving: 355 mg
Serving Number: 1.00000



Product Image

Potency Tested **Heavy Metals Passed** **Pesticides Passed** **Residual Solvents Passed** **Pathogenic Microbiology Passed**

Microbiology (qPCR) Passed

Delta 8/Delta 10 Potency 13 - (LCMS)

Specimen Weight: 355000.000 mg

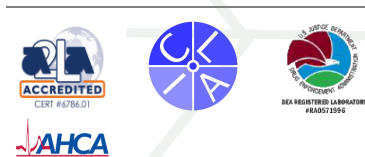
| Analyte | LOD (%) | LOQ (%) | Result (µg/ml) | Tested |
|------------------|---------|---------|----------------|----------|
| CBD | 5.40E-5 | 0.0015 | 12.190 | 0.00116 |
| Delta-9 THC | 1.30E-5 | 0.1 | 11.760 | 0.001119 |
| CBC | 1.80E-5 | 0.0015 | <LOQ | <LOQ |
| CBDA | 1.00E-5 | 0.0015 | <LOQ | <LOQ |
| CBDV | 6.50E-5 | 0.0015 | <LOQ | <LOQ |
| CBG | 2.48E-4 | 0.0015 | <LOQ | <LOQ |
| CBGA | 8.00E-5 | 0.0015 | <LOQ | <LOQ |
| CBN | 1.40E-5 | 0.0015 | <LOQ | <LOQ |
| Delta-10 THC | 3.00E-6 | 0.0015 | <LOQ | <LOQ |
| Delta-8 THC | 2.60E-5 | 0.0015 | <LOQ | <LOQ |
| Delta6a10a-THC | 8.47E-5 | 0.0015 | <LOQ | <LOQ |
| THCA-A | 3.20E-5 | 0.0015 | <LOQ | <LOQ |
| THCV | 7.00E-6 | 0.0015 | <LOQ | <LOQ |
| Total Active CBD | | | 0.011 | 0.001119 |
| Total Active THC | | | 0.011 | 0.001119 |

Tested
SOP13.052 (LCMS)

Potency Summary

| | |
|---|--|
| Delta 9 THC per Serving 0.001119% 3.9725 per ml | Total Active CBD per Serving 0.00116% 4.118 per ml |
| Total CBG per Serving - ND | Total CBN per Serving - ND |
| Other Cannabinoids per Serving - ND | Total Cannabinoids per Serving 0.002279% 8.09045 per ml |
| Total Active CBD Per Package 0.00116% 4.118 per ml | Total Active THC per Serving 0.001119% 3.9725 per ml |
| Total Active THC Per Package 0.001119% 3.9725 per ml | Delta 9 THC per Package 0.001119% 3.9725 per ml |

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 * 0.877), Total Delta-9 THC = Delta-9 THC + THCA, Total Active THC = Total Delta-9 THC + Delta6a10a-THC + Delta-8 THC + Delta-10 THC + Delta-8 THC-O-Acetate + THC-O-Acetate + Delta-10 THC-O-Acetate, Total THCV = THCV + (THCVA * 0.877), 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 = Delta6a10a-THC + Delta8-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 LA rule R.S., 40:4(A)(13), R.S. 3:1483, R.S. 40:604. Failed - Analyte/microbe is at the level that equal or above the action limit per LA rule R.S., 40:4(A)(13), R.S. 3:1483, R.S. 40:604 Sample not received via laboratory sampling.

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Accredited by a third-party accrediting body as a competent testing laboratory pursuant to ISO/IEC 17025 of the International Organization for Standardization.



Certificate of Analysis
Compliance Test

Client Information:

calexo
3638 kinney cir
los angeles, California 90065

Batch # 355-5T5C-03T-001
Batch Date: 2023-07-20
Extracted From: Hemp

Test Reg State: Louisiana
Production Facility: Geary Brewing

Order # CAL230919-030001
Order Date: 2023-09-19
Sample # AAEW395
Density: 1.051 g/ml

Sampling Date: 2023-09-19
Lab Batch Date: 2023-09-19
Completion Date: 2023-09-25

Density: 1.051 g/ml
Volume: 355 ml
Net Weight per Serving: 355 mg
Serving Number: 1.00000

Total Yeast and Mold
Specimen Weight: 477.900 mg

Dilution Factor: 1.000

| Analyte | Action Level (cfu/g) | Result (cfu/g) | Remark |
|------------------|----------------------|----------------|--------|
| Total Yeast/Mold | 100000 | <LOQ | Passed |

Passed
SOP13.017 (qPCR)

Pathogenic Microbiology - SE (MicroArray)

Specimen Weight: 1031.400 mg

Dilution Factor: 1.000

| Analyte | Result (cfu/g) | Analyte | Result (cfu/g) |
|------------|----------------|--------------|----------------|
| Salmonella | Absence in 1g | STEC E. Coli | Absence in 1g |

Passed
SOP13.019 (Micro Array)

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

Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Accredited by a third-party accrediting body as a competent testing laboratory pursuant to ISO/IEC 17025 of the International Organization for Standardization.





Certificate of Analysis
Compliance Test

Client Information:

calexo Batch # 355-ST5C-03T-001 Test Reg State: Louisiana Production Facility: Geary Brewing
3638 kinney cir Batch Date: 2023-07-20
los angeles, California 90065 Extracted From: Hemp

Order # CAL230919-030001 Sampling Date: 2023-09-19 Density: 1.051 g/ml
Order Date: 2023-09-19 Lab Batch Date: 2023-09-19 Volume: 355 ml
Sample # AAEW395 Completion Date: 2023-09-25 Net Weight per Serving: 355 mg Serving Number: 1.00000
Density: 1.051 g/ml

Heavy Metals - LA **Passed**
Specimen Weight: 248.600 mg SOP13.048 (ICP-MS)

Dilution Factor: 201.126

| Analyte | LOD (ppm) | LOQ (ppm) | Action Level (ppm) | Result (ppm) | Analyte | LOD (ppm) | LOQ (ppm) | Action Level (ppm) | Result (ppm) |
|--------------|-----------|-----------|--------------------|--------------|--------------|-----------|-----------|--------------------|--------------|
| Arsenic (As) | .00483 | 0.1 | 10 | <LOQ | Lead (Pb) | 0.0058 | 0.1 | 10 | <LOQ |
| Cadmium (Cd) | .00064 | 0.1 | 4.1 | <LOQ | Mercury (Hg) | .01176 | 0.1 | 2 | <LOQ |

Residual Solvents - LA (CBD) **Passed**
Specimen Weight: 315.300 mg SOP13.039 (GCMS)

Dilution Factor: 500.000

| 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 | 500 | <LOQ |
| 1,2-Dichloroethane | 0.0003 | 0.04 | 5 | <LOQ | Hexane | 0.068 | 1.17 | 10 | <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 | 1 | <LOQ | Methylene chloride | 0.0029 | 2.43 | 600 | <LOQ |
| Butanes | 0.4167 | 2.5 | 800 | <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 | NA | 137.789 | Toluene | 0.0009 | 2.92 | 1 | <LOQ |
| Ethyl Acetate | 0.0012 | 1.11 | 5000 | <LOQ | Total Xylenes | 0.0001 | 2.92 | 1 | <LOQ |
| Ethyl Ether | 0.0049 | 1.39 | 5000 | <LOQ | Trichloroethylene | 0.0014 | 0.49 | 80 | <LOQ |
| Ethylene Oxide | 0.0038 | 0.1 | 5 | <LOQ | | | | | |

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

Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Accredited by a third-party accrediting body as a competent testing laboratory pursuant to ISO/IEC 17025 of the International Organization for Standardization.





Certificate of Analysis
Compliance Test

Client Information:

calexo Batch # 355-5T5C-03T-001 Test Reg State: Louisiana Production Facility: Geary Brewing
3638 kinney cir Batch Date: 2023-07-20 Extracted From: Hemp
los angeles, California 90065
Order # CAL230919-030001 Sampling Date: 2023-09-19 Density: 1.051 g/ml
Order Date: 2023-09-19 Lab Batch Date: 2023-09-19 Volume: 355 ml
Sample # AAEW395 Completion Date: 2023-09-25 Net Weight per Serving: 355 mg Serving Number: 1.00000
Density: 1.051 g/ml

Pesticides - LA
Specimen Weight: 585.900 mg

Passed
SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.560

| Analyte | LOD (ppm) | LOQ (ppm) | Action Level (ppm) | Result (ppm) | Analyte | LOD (ppm) | LOQ (ppm) | Action Level (ppm) | Result (ppm) |
|---------------------|-----------|-----------|--------------------|--------------|------------------------------------|-----------|-----------|--------------------|--------------|
| Abamectin | 4.3500E-4 | 0.009 | 0.3 | <LOQ | Hexythiazox | 4.5000E-5 | 0.0096 | 2 | <LOQ |
| Acephate | 4.6700E-4 | 0.0096 | 5 | <LOQ | Imazalil | 6.3900E-4 | 0.0096 | 0 | <LOQ |
| Acequinocyl | 8.0100E-4 | 0.0096 | 4 | <LOQ | Imidacloprid | 1.5900E-4 | 0.0096 | 3 | <LOQ |
| Acetamiprid | 8.0000E-5 | 0.0096 | 5 | <LOQ | Kresoxim Methyl | 2.6800E-4 | 0.0096 | 1 | <LOQ |
| Aldicarb | 1.2400E-4 | 0.0096 | 0 | <LOQ | Malathion | 4.1000E-4 | 0.0096 | 5 | <LOQ |
| Azoxystrobin | 6.8300E-4 | 0.0096 | 40 | <LOQ | Metaxyl | 7.4900E-4 | 0.0096 | 15 | <LOQ |
| Bifenazate | 8.2000E-5 | 0.0096 | 5 | <LOQ | Methiocarb | 9.9000E-5 | 0.0096 | 0 | <LOQ |
| Bifenthrin | 1.2100E-4 | 0.0096 | 0.5 | <LOQ | Methomyl | 1.2100E-4 | 0.0096 | 0.1 | <LOQ |
| Boscalid | 1.5300E-4 | 0.0096 | 10 | <LOQ | methy-Parathion | 3.0650E-3 | 0.0096 | 0 | <LOQ |
| Captan | 8.9660E-3 | 0.048 | 5 | <LOQ | Mevinphos | 1.3700E-3 | 0.0096 | 0 | <LOQ |
| Carbaryl | 1.1800E-4 | 0.0096 | 0.5 | <LOQ | Myclobutanil | 5.7100E-4 | 0.0096 | 9 | <LOQ |
| Carbofuran | 1.7800E-4 | 0.0096 | 0 | <LOQ | Naled | 8.3000E-5 | 0.0096 | 0.5 | <LOQ |
| Chlorantraniliprole | 5.2000E-5 | 0.0096 | 40 | <LOQ | Oxamyl | 1.2300E-4 | 0.0096 | 0.2 | <LOQ |
| Chlorfenapyr | 3.1210E-3 | 0.0096 | 0.1 | <LOQ | Paclobutrazol | 1.2300E-4 | 0.0096 | 0 | <LOQ |
| Chlorpyrifos | 2.7100E-4 | 0.0096 | 0 | <LOQ | Pentachloronitrobenzen(Quintozene) | 5.1400E-3 | 0.0096 | 0.2 | <LOQ |
| Clofentezine | 1.1900E-4 | 0.0096 | 0.5 | <LOQ | Permethrin | 7.1800E-4 | 0.0096 | 20 | <LOQ |
| Coumaphos | 1.2900E-4 | 0.0096 | 0 | <LOQ | Phosmet | 3.0100E-4 | 0.0096 | 0.2 | <LOQ |
| Cyfluthrin | 7.7300E-3 | 0.048 | 1 | <LOQ | Piperonylbutoxide | 2.1700E-4 | 0.0096 | 8 | <LOQ |
| Cypermethrin | 8.8700E-4 | 0.0096 | 1 | <LOQ | Prallethrin | 1.3650E-3 | 0.0096 | 0.4 | <LOQ |
| Daminozide | 1.7970E-3 | 0.0096 | 0 | <LOQ | Propiconazole | 2.5900E-4 | 0.0096 | 20 | <LOQ |
| Diazinon | 1.3280E-3 | 0.0096 | 0.2 | <LOQ | Propoxur | 1.4700E-4 | 0.0096 | 0 | <LOQ |
| Dichlorvos | 4.6500E-4 | 0.0096 | 0 | <LOQ | Pyrethrins | 2.5600E-4 | 0.0014 | 1 | <LOQ |
| Dimethoate | 3.6600E-4 | 0.0096 | 0 | <LOQ | Pyridaben | 5.9000E-5 | 0.0096 | 3 | <LOQ |
| Dimethomorph | 2.7200E-4 | 0.0096 | 20 | <LOQ | Spinetoram | 3.4600E-4 | 0.0096 | 3 | <LOQ |
| Ethoprophos | 1.9200E-4 | 0.0096 | 0 | <LOQ | Spinosad | 2.8000E-5 | 0.00239 | 3 | <LOQ |
| Etofenprox | 1.1600E-4 | 0.0096 | 0 | <LOQ | Spiromesifen | 2.9100E-4 | 0.0096 | 12 | <LOQ |
| Etoxazole | 5.7000E-4 | 0.0096 | 1.5 | <LOQ | Spirotetramat | 1.4100E-4 | 0.0096 | 13 | <LOQ |
| Fenhexamid | 1.0110E-3 | 0.0096 | 10 | <LOQ | Spiroxamine | 1.1900E-4 | 0.0096 | 0 | <LOQ |
| Fenoxycarb | 1.6900E-4 | 0.0096 | 0 | <LOQ | Tebuconazole | 1.3400E-4 | 0.0096 | 2 | <LOQ |
| Fenpyroximate | 1.3900E-4 | 0.0096 | 2 | <LOQ | Thiacloprid | 3.9700E-4 | 0.0096 | 0 | <LOQ |
| Fipronil | 6.0500E-4 | 0.0096 | 0.1 | <LOQ | Thiamethoxam | 1.0400E-4 | 0.0096 | 4.5 | <LOQ |
| Fonicamid | 1.2800E-4 | 0.0096 | 2 | <LOQ | Trifloxystrobin | 8.8000E-5 | 0.0096 | 30 | <LOQ |
| Fludioxonil | 5.2100E-4 | 0.0096 | 30 | <LOQ | | | | | |

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

Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Accredited by a third-party accrediting body as a competent testing laboratory pursuant to ISO/IEC 17025 of the International Organization for Standardization.

