ACS LABORATORY | BEYOND COMPLIANCE
721 Cortaro Dr.
Sun City Center, FL 33573
www.acslab.com
DEA No. RA0571996
FL License # CMTL-0003

# Certificate of Analysis

## Compliance Test

**Brain Boost EXP:032627**
**Sample Matrix:** HEMP
Extract
Ingestion

**Client Information:**
**BLNCD Naturals**
**2708 Summer St NE**
**Minneapolis, Minnesota 55413**

**Manufacturing Facility:**
BLNCD Naturals
2708 Summer St NE
Minneapolis, Minnesota 55413

**Batch Data:**
**Batch #** O72
**Batch Date:** 2026-03-26
**Extracted From:** Hemp Derived

**Order Details:**
**Test Reg State:** National
***COA Expiration Date:*** 04/24/2027

**Food Permits:**

**Order #**
BLN260415-030001
**Order Date:** 2026-04-15
**Sample #** AAHP844

**Sampling Date:** 2026-04-17
**Lab Batch Date:** 2026-04-17
**Completion Date:** 2026-04-24

**Density:** 1.000 g/ml
**Volume:** 355 ml

**Net Weight per Serving:**
355 ml
**Servings Per Package:**
1



Product Image

**Potency**
**Passed**

## Potency Summary

| | |
|---|---|
| **Total THC** | **Total HHC** |
| 0.00144% 5.12 mg | <LOQ% mg |
| **Total Active CBD** | **Total CBG** |
| 0.001434% 5.09 mg | <LOQ% mg |
| **Total CBN** | **Total Cannabinoids** |
| <LOQ% mg | 0.00283% 10.0465 mg |
| **Ratio CBD:THC** | **Total Active THC (LA)** |
| 0:1% 1:1 mg | 0% 5.101 mg |

* Summary Results determined from two distinct Potency Tests **- National Panel Potency + Potency CO (GCMS) + HHCP - Multi State**

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

ACCREDITED CERT #6786.01

DEA REGISTERED LABORATORY #RA0571996

Definitions and Abbreviations used in this report: Definitions and Abbreviations used in this report: Total CBD = CBD + (CBD-A * 0.877), Total CBDV = CBDV + (CBDVA * 0.867), Total THC= (THCA+ D8thca) *0.877 +Total (+/-) Delta 9 THC +Total (+/-) Delta-8 THC+ delta 7-THCs +Delta4(8)-iso-THC+Delta8-iso-THC+Delta6a10a-THC+Total Delta-10 THC+exo-THC+abnormal cbd, Total THCV = THCV + (THCVA * 0.87), CBG Total = (CBGA * 0.878) + CBG, CBN Total = (CBNA * 0.876) + CBN, Total CBC = CBC + (CBCA * 0.877), Total Cannabinoids = Total percentage of cannabinoids within the sample. (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 Pesticides indicators: 1=FL LOD/LOQ/AL; 2= CO LOD/LOQ/AL; 3 = CO LOD/ACS CO LOQ , * Measurement of Uncertainty for all test panels ≤15%

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QA By: 1050 on 2026-04-24 16:47:00 V1

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# Certificate of Analysis

## Compliance Test

**Brain Boost EXP:032627**
**Sample Matrix:** HEMP
Extract
Ingestion

**Client Information:**
**BLNCD Naturals**
**2708 Summer St NE**
**Minneapolis, Minnesota 55413**

**Manufacturing Facility:**
BLNCD Naturals
2708 Summer St NE
Minneapolis, Minnesota 55413

**Batch Data:**
**Batch #** O72
**Batch Date:** 2026-03-26
**Extracted From:** Hemp Derived

**Order Details:**
**Test Reg State:** National
***COA Expiration Date:*** 04/24/2027

**Food Permits:**

**Order #**
BLN260415-030001
**Order Date:** 2026-04-15
**Sample #** AAHP844

**Sampling Date:** 2026-04-17
**Lab Batch Date:** 2026-04-17
**Completion Date:** 2026-04-24

**Density:** 1.000 g/ml
**Volume:** 355 ml

**Net Weight per Serving:**
355 ml
**Servings Per Package:**
1

## National Panel Potency + Potency CO (GCMS) + HHCP - Multi State

**Passed** SOP13.030,SOP13.064,SOP13.050 (LCMS)

**Specimen Weight: 330000.000 mg**

| Analyte | Dilution (1:n) | LOD (%) | LOQ (%) | Result (µg/ml) | (%) | Per Serving (mg ) | Per Package (mg ) |
|---|---|---|---|---|---|---|---|
| CBD | 8.000 | .0000421 | 0.002 | 14.3 | 0.001434 | 0.00 | 0.00 |
| Abnormal CBD | 8.000 | 0.015 | 0.002 | <LOQ | <LOQ | 0.00 | 0.00 |
| CBC | 8.000 | 2.76E-05 | 0.00075 | <LOQ | <LOQ | 0.00 | 0.00 |
| CBCA | 8.000 | 0.000107 | 0.002 | <LOQ | <LOQ | 0.00 | 0.00 |
| CBCV * | 1.000 | .0000307 | 0.002 | <LOQ | <LOQ | 0.00 | 0.00 |
| CBDA | 8.000 | .0000143 | 0.002 | <LOQ | <LOQ | 0.00 | 0.00 |
| CBDV | 8.000 | .0000614 | 0.002 | <LOQ | <LOQ | 0.00 | 0.00 |
| CBDVA | 8.000 | 0.000014 | 0.002 | <LOQ | <LOQ | 0.00 | 0.00 |
| CBE | 1.000 | .0000483 | 0.002 | <LOQ | <LOQ | 0.00 | 0.00 |
| CBG | 8.000 | .0000507 | 0.002 | <LOQ | <LOQ | 0.00 | 0.00 |
| CBGA | 8.000 | .0000847 | 0.002 | <LOQ | <LOQ | 0.00 | 0.00 |
| CBGM * | 1.000 | .000116 | 0.002 | <LOQ | <LOQ | 0.00 | 0.00 |
| CBGV * | 1.000 | .0000287 | 0.002 | <LOQ | <LOQ | 0.00 | 0.00 |
| CBL | 8.000 | .0000919 | 0.002 | <LOQ | <LOQ | 0.00 | 0.00 |
| CBLA | 8.000 | 0.015 | 0.001 | <LOQ | <LOQ | 0.00 | 0.00 |
| CBN | 8.000 | .0000597 | 0.002 | <LOQ | <LOQ | 0.00 | 0.00 |
| CBNA | 8.000 | 0.000014 | 0.002 | <LOQ | <LOQ | 0.00 | 0.00 |
| CBT | 8.000 | 0.000325 | 0.004 | <LOQ | <LOQ | 0.00 | 0.00 |
| CBV * | 1.000 | .0000670 | 0.002 | <LOQ | <LOQ | 0.00 | 0.00 |
| Delta-10 THC | 8.000 | 0.0015 | 0.002 | <LOQ | <LOQ | 0.00 | 0.00 |
| Delta-8 THC-O Acetate | 8.000 | 0.000027 | 0.002 | <LOQ | <LOQ | 0.00 | 0.00 |
| Delta-8 THCV | 8.000 | 0.0015 | 0.002 | <LOQ | <LOQ | 0.00 | 0.00 |
| Delta-9 THC-O Acetate | 8.000 | 0.003 | 0.002 | <LOQ | <LOQ | 0.00 | 0.00 |
| Delta6a10a-THC | 1.000 | 0.0015 | 0.001 | <LOQ | <LOQ | 0.00 | 0.00 |
| Delta8-THCA-A | 8.000 | 0.015 | 0.001 | <LOQ | <LOQ | 0.00 | 0.00 |
| Delta8-THCP | 8.000 | 0.0015 | 0.002 | <LOQ | <LOQ | 0.00 | 0.00 |
| Delta9-THCP | 8.000 | 0.0012 | 0.002 | <LOQ | <LOQ | 0.00 | 0.00 |
| Exo-THC | 8.000 | 0.000054 | 0.002 | <LOQ | <LOQ | 0.00 | 0.00 |
| THCA-A | 8.000 | 0.000938 | 0.004 | <LOQ | <LOQ | 0.00 | 0.00 |
| THCB | 8.000 | 0.00195 | 0.002 | <LOQ | <LOQ | 0.00 | 0.00 |
| THCH | 8.000 | 0.00195 | 0.002 | <LOQ | <LOQ | 0.00 | 0.00 |
| THCV | 8.000 | .0000276 | 0.002 | <LOQ | <LOQ | 0.00 | 0.00 |
| THCVA | 8.000 | 0.000047 | 0.015 | <LOQ | <LOQ | 0.00 | 0.00 |
| (9,10a)-anti-Delta6a,7-THC | 8.000 | 0.003 | 0.01 | <LOQ | <LOQ | 0.00 | 0.00 |
| (9S)-Delta7-THC; (9,10a)-syn-Delta6a,7-THC | 8.000 | 0.003 | 0.01 | <LOQ | <LOQ | 0.00 | 0.00 |
| [illegible] | 8.000 | 0.006 | 0.02 | <LOQ | <LOQ | 0.00 | 0.00 |
| [illegible] | 8.000 | 0.003 | 0.01 | <LOQ | <LOQ | 0.00 | 0.00 |
| [illegible] | 8.000 | 0.015 | 0.002 | <LOQ | <LOQ | 0.00 | 0.00 |

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

Definitions are found on page 1

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DEA REGISTERED LABORATORY #RA0571996

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# Certificate of Analysis

## Compliance Test

**Brain Boost EXP:032627**
**Sample Matrix:** HEMP
Extract
Ingestion

**Client Information:**
**BLNCD Naturals**
**2708 Summer St NE**
**Minneapolis, Minnesota 55413**

**Manufacturing Facility:**
BLNCD Naturals
2708 Summer St NE
Minneapolis, Minnesota 55413

**Batch Data:**
**Batch #** O72
**Batch Date:** 2026-03-26
**Extracted From:** Hemp Derived

**Order Details:**
**Test Reg State:** National
***COA Expiration Date:*** 04/24/2027

**Food Permits:**

**Order #**
BLN260415-030001
**Order Date:** 2026-04-15
**Sample #** AAHP844

**Sampling Date:** 2026-04-17
**Lab Batch Date:** 2026-04-17
**Completion Date:** 2026-04-24

**Density:** 1.000 g/ml
**Volume:** 355 ml

**Net Weight per Serving:**
355 ml
**Servings Per Package:**
1

## National Panel Potency + Potency CO (GCMS) + HHCP - Multi State (Continued)

**Passed** SOP13.030,SOP13.064,SOP13.050 (LCMS)

**Specimen Weight: 330000.000 mg**

| Analyte | Dilution (1:n) | LOD (%) | LOQ (%) | Result (µg/ml) | (%) | Per Serving (mg ) | Per Package (mg ) |
|---|---|---|---|---|---|---|---|
| Total (+/-) Delta 9 THC | 8.000 | 0.001 | 0.01 | 14.4 | 0.0014 | 0.00 | 0.00 |
| Total (+/-) Delta-8 THC | 8.000 | 0.002 | 0.01 | <LOQ | <LOQ | 0.00 | 0.00 |
| (9R)-HHC | 8.000 | 3.66E-06 | 0.00075 | <LOQ | <LOQ | 0.00 | 0.00 |
| (9S)-HHC | 8.000 | 6.60E-06 | 0.00075 | <LOQ | <LOQ | 0.00 | 0.00 |
| (±)-9ß-hydroxy-HHC | 8.000 | 7.78E-06 | 0.00075 | <LOQ | <LOQ | 0.00 | 0.00 |
| 1(R)-H4-CBD | 8.000 | 7.33E-07 | 0.0015 | <LOQ | <LOQ | 0.00 | 0.00 |
| 1(S)-H4-CBD | 8.000 | 6.63E-07 | 0.0015 | <LOQ | <LOQ | 0.00 | 0.00 |
| 9(R)-HHCP | 8.000 | 3.09E-05 | 0.00075 | <LOQ | <LOQ | 0.00 | 0.00 |
| 9(S)-HHCP | 8.000 | 2.55E-05 | 0.00075 | <LOQ | <LOQ | 0.00 | 0.00 |
| Delta-8 THC methyl ether | 8.000 | 2.48E-04 | 0.00075 | <LOQ | <LOQ | 0.00 | 0.00 |
| Delta-9 THC methyl ether | 8.000 | 1.60E-04 | 0.00075 | <LOQ | <LOQ | 0.00 | 0.00 |
| H2-CBD | 8.000 | 1.44E-07 | 0.00075 | <LOQ | <LOQ | 0.00 | 0.00 |
| Total HHC | 8.000 | | 0.00075 | <LOQ | <LOQ | 0.00 | 0.00 |
| Total Active CBD | 8.000 | | | 14.0 | 0.001434 | 0.00 | 0.00 |

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

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QA By: 1050 on 2026-04-24 16:47:00 V1

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**DEA No.** RA0571996
**FL License #** CMTL-0003

# Certificate of Analysis

## Compliance Test

**Brain Boost EXP:032627**
**Sample Matrix:**
HEMP
Extract
Ingestion

**Client Information:**
**BLNCD Naturals**
**2708 Summer St NE**
**Minneapolis, Minnesota 55413**

**Manufacturing Facility:**
BLNCD Naturals
2708 Summer St NE
Minneapolis, Minnesota 55413

**Batch Data:**
**Batch #** O72
**Batch Date:** 2026-03-26
**Extracted From:** Hemp Derived

**Order Details:**
**Test Reg State:** National
***COA Expiration Date:*** 04/24/2027

**Food Permits:**

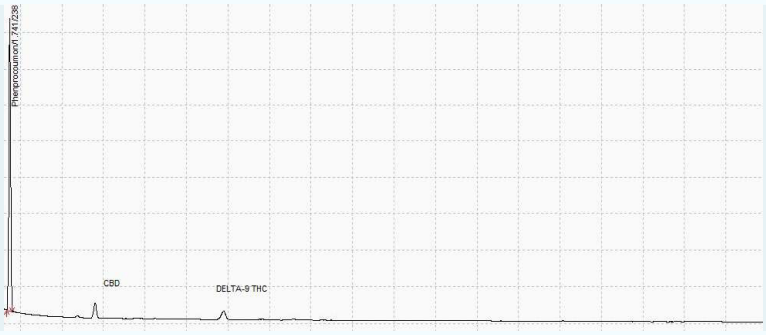
**Order #**
BLN260415-030001
**Order Date:** 2026-04-15
**Sample #** AAHP844

**Sampling Date:** 2026-04-17
**Lab Batch Date:** 2026-04-17
**Completion Date:** 2026-04-24

**Density:** 1.000 g/ml
**Volume:** 355 ml

**Net Weight per Serving:**
355 ml
**Servings Per Package:**
1

## National Panel Potency




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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DEA No. RA0571996
FL License # CMTL-0003

**Delta-9 Emulsion**
**Sample Matrix:** CBD/HEMP
Beverages/Liquid/Water
(Ingestion)

# Certificate of Analysis

Compliance Test

**Client Information:**

GLOBAL ORGANIC LLC
2708 SUMMER STREET NE
MINNEAPOLIS, MN 55413

**Batch #** 556251107.
**Batch Date:** 2025-12-19
**Extracted From:** Hemp
Derived - Delta 9

**Test Reg State:** Colorado

**Order #** GLO251219-020001
**Order Date:** 2025-12-19
**Sample #** AAHH235

**Sampling Date:** 2025-12-23
**Lab Batch Date:** 2025-12-23
**Completion Date:** 2026-01-02



Product Image

| | | | | |
|---|---|---|---|---|
| Staphylococcus Aureus Passed | Pesticides Passed | Heavy Metals Passed | Microbiology Petrifilm Passed | Mycotoxins Passed |
| Residual Solvents Passed | Pathogenic Microbiology Passed | Listeria Monocytogenes Passed | Microbiology Petrifilm Passed | Filth and Foreign Passed |

## Staphylococcus Aureus

**Passed**
SOP13.029 (qPCR)

**Specimen Weight:** 247.000 mg
**Dilution Factor:** 1.000

| Analyte | Result |
|---|---|
| Staphylococcus aureus | Absence |

## National Panel Listeria Monocytogenes

**Passed**
SOP13.032 (qPCR)

**Specimen Weight:** 1011.300 mg
**Dilution Factor:** 1.000

| Analyte | Result |
|---|---|
| Listeria Monocytogenes | Absence |

## National Panel Bile Tolerant Gram-Negative Bacteria

**Passed**
SOP13.003 (Petrifilm)

**Specimen Weight:** 999.300 mg
**Dilution Factor:** 1.000

| Analyte | LOQ (cfu/g) | Action Limit (cfu/g) | Result (cfu/g) |
|---|---|---|---|
| Bile tolerant gram-negative bacteria | 100 | 100000 | <100 |

## National Panel Pathogenic Microbiology SAE (MicroArray)

**Passed**
SOP13.019 (Micro Array)

**Specimen Weight:** 1020.900 mg
**Dilution Factor:** 1.000

| Analyte | Action Limit (cfu/g) | Result (cfu/g) | Analyte | Action Limit (cfu/g) | Result (cfu/g) |
|---|---|---|---|---|---|
| Aspergillus (Flavus, Fumigatus, Niger, Terreus) | 1 | Absence in 1g | STEC E. Coli | 1 | Absence in 1g |
| Salmonella | 1 | Absence in 1g | | | |

## Filth and Foreign Material

**Passed**
SOP13.020 (Electronic Balance)

**Specimen Weight:** N/A **Dilution Factor:** 1.000

| Analyte | Action Limit (%) | Result (%) | Analyte | Action Limit (%) | Result (%) |
|---|---|---|---|---|---|
| Covered Area | 10 | 0.00 | Weight % | 1 | 0.00 |
| Feces | 0.5 | 0.00 | | | |

## National Panel Microbiology (Petrifilm)

**Passed**
SOP13.003 (Petrifilm)

**Specimen Weight:** 999.300 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) |
|---|---|---|---|---|---|---|---|
| Total Aerobic Count | 1000 | 100000 | <1000 | Total Enterobacteriaceae | 100 | 1000 | <100 |
| Total Coliform | 100 | 1000 | <100 | Total Yeast/Mold | 100 | 10000 | <100 |

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

ACCREDITED CERT #6786.01

DEA REGISTERED LABORATORY #RA0571996

Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A * 0.877), *Total CBDV = CBDV + (CBDVA * 0.867), Total Active THC = THCA-A * 0.877 + Delta 9 THC, Total THCV = THCV + (THCVA * 0.87) , CBG Total = (CBGA * 0.878) + CBG, CBN Total = (CBNA * 0.876) + 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, Total Cannabinoids = Total percentage of cannabinoids within the sample. (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, (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 The results apply to the sample as received. Pesticides indicators: 1=FL LOD/LOQ/AL; 2= CO LOD/LOQ/AL; 3 = CO LOD/ACS CO LOQ

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QA By: 1057 on 2026-01-02 17:24:09 V1

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Sun City Center, FL 33573
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DEA No. RA0571996
FL License # CMTL-0003

**Delta-9 Emulsion**
**Sample Matrix:** CBD/HEMP
Beverages/Liquid/Water
(Ingestion)

# Certificate of Analysis

**Compliance Test**

**Client Information:**

**GLOBAL ORGANIC LLC**
**2708 SUMMER STREET NE**
**MINNEAPOLIS, MN 55413**

**Order #** GLO251219-020001
**Order Date:** 2025-12-19
**Sample #** AAHH235

**Batch #** 556251107.
**Batch Date:** 2025-12-19
**Extracted From:** Hemp
Derived - Delta 9

**Test Reg State:** Colorado

**Sampling Date:** 2025-12-23
**Lab Batch Date:** 2025-12-23
**Completion Date:** 2026-01-02

## National Panel Mycotoxins

**Passed**

**Specimen Weight: 604.100 mg**

**SOP13.059 (LCMS)**

**Dilution Factor: 2.480**

| Analyte | LOD (ppb) | LOQ (ppb) | Action Limit (ppb) | Result (ppb) | Analyte | LOD (ppb) | LOQ (ppb) | Action Limit (ppb) | Result (ppb) |
|---|---|---|---|---|---|---|---|---|---|
| Aflatoxin B1 | 0.093 | 2.5 | 5 | <LOQ | Aflatoxin G2 | 0.627 | 2.5 | 5 | <LOQ |
| Aflatoxin B2 | 0.121 | 2.5 | 5 | <LOQ | Aflatoxin Total | | 2.5 | 20 | <LOQ |
| Aflatoxin G1 | 0.191 | 2.5 | 5 | <LOQ | Ochratoxin A | 0.638 | 3.5 | 20 | <LOQ |

## National Panel Heavy Metals

**Passed**

**Specimen Weight: 251.200 mg**

**SOP13.055 (ICP-MS)**

**Dilution Factor: 199.045**

| Analyte | LOD (ppb) | LOQ (ppb) | Action Limit (ppb) | Result (ppb) | Analyte | LOD (ppb) | LOQ (ppb) | Action Limit (ppb) | Result (ppb) |
|---|---|---|---|---|---|---|---|---|---|
| Antimony (Sb) | 0.032 | 1000 | 2000 | <LOQ | Molybdenum (Mo) | 0.009 | 500 | 1000 | <LOQ |
| Arsenic (As) | 0.014 | 100 | 200 | <LOQ | Nickel (Ni) | 0.352 | 250 | 500 | <LOQ |
| Barium (Ba) | 0.056 | 15000 | 30000 | <LOQ | Osmium (Os) | 0.003 | 50 | 100 | <LOQ |
| Cadmium (Cd) | 0.002 | 100 | 200 | <LOQ | Palladium (Pd) | 0.017 | 50 | 100 | <LOQ |
| Chromium (Cr) | 0.052 | 150 | 300 | <LOQ | Platinum (Pt) | 0.008 | 50 | 100 | <LOQ |
| Cobalt (Co) | 0.003 | 150 | 300 | <LOQ | Rhodium (Rh) | 0.003 | 50 | 100 | <LOQ |
| Copper (Cu) | 0.059 | 1500 | 3000 | <LOQ | Ruthenium (Ru) | 0.002 | 50 | 100 | <LOQ |
| Gold (Au) | 0.021 | 50 | 100 | <LOQ | Selenium (Se) | 4.631 | 6500 | 13000 | <LOQ |
| Iridium (Id) | 0.001 | 50 | 100 | <LOQ | Silver (Ag) | 0.005 | 350 | 700 | <LOQ |
| Lead (Pb) | 0.006 | 250 | 500 | <LOQ | Thallium (Tl) | 0.006 | 400 | 800 | <LOQ |
| Lithium (Li) | 0.301 | 1250 | 2500 | <LOQ | Tin (Sn) | 0.047 | 3000 | 6000 | <LOQ |
| Mercury (Hg) | 0.014 | 50 | 200 | <LOQ | Vanadium (V) | 0.038 | 50 | 100 | <LOQ |

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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ACS LABORATORY | BEYOND COMPLIANCE
721 Cortaro Dr.
Sun City Center, FL 33573
www.acslab.com
DEA No. RA0571996
FL License # CMTL-0003

**Delta-9 Emulsion**
**Sample Matrix:**
CBD/HEMP
Beverages/Liquid/Water
(Ingestion)

# Certificate of Analysis

**Compliance Test**

**Client Information:**

**GLOBAL ORGANIC LLC**
**2708 SUMMER STREET NE**
**MINNEAPOLIS, MN 55413**

**Batch #** 556251107. **Test Reg State:** Colorado
**Batch Date:** 2025-12-19
**Extracted From:** Hemp
Derived - Delta 9

**Order #** GLO251219-020001
**Order Date:** 2025-12-19
**Sample #** AAHH235

**Sampling Date:** 2025-12-23
**Lab Batch Date:** 2025-12-23
**Completion Date:** 2026-01-02

## National Panel Residual Solvents

**Passed**

**Specimen Weight: 15.000 mg**

**SOP13.039,SOP13.056 (GCMS-HS,GCMS-(HS))**

**Dilution Factor: 1.000**

| Analyte | LOQ (ppm) | Action Limit (ppm) | Result (ppm) | Analyte | LOQ (ppm) | Action Limit (ppm) | Result (ppm) |
|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 0.607 | 2 | <LOQ | Ethyl formate | 4 | 1000 | <LOQ |
| 1,2 Dimethoxyethane | 0.025 | 5 | <LOQ | Ethylbenzene | 0.025 | 2170 | <LOQ |
| 1,2-Dichloroethane | 0.025 | 2 | <LOQ | Ethylene glycol | 0.025 | 50 | <LOQ |
| 1,4 Dioxane | 0.025 | 50 | <LOQ | Ethylene Oxide | 0.025 | 1 | <LOQ |
| 1-Butanol | 0.025 | 5000 | <LOQ | Formic acid | 4 | 1000 | <LOQ |
| 1-Pentanol | 0.025 | 5000 | <LOQ | Heptane | 0.025 | 500 | <LOQ |
| 1-Propanol | 0.025 | 5000 | <LOQ | Hexane | 0.025 | 10 | <LOQ |
| 2-Butanol | 0.025 | 800 | <LOQ | Isobutyl acetate | 4 | 1000 | <LOQ |
| 2-Butanone | 0.025 | 5000 | <LOQ | Isopropyl acetate | 0.025 | 5000 | <LOQ |
| 2-Ethoxyethanol | 0.025 | 50 | <LOQ | Isopropyl alcohol | 0.025 | 500 | <LOQ |
| 2-Methyl-1-propanol | 4 | 1000 | <LOQ | Methanol | 0.025 | 250 | <LOQ |
| 2-methylbutane | 0.025 | 5000 | <LOQ | Methyl acetate | 4 | 1000 | <LOQ |
| 3-methyl-1-butanol | 4 | 1000 | <LOQ | Methylene chloride | 0.025 | 1 | <LOQ |
| Acetic acid | 4 | 1000 | <LOQ | N,N-dimethylacetamide | 0.025 | 50 | <LOQ |
| Acetone | 0.025 | 500 | <LOQ | N,N-dimethylformamide | 0.025 | 50 | <LOQ |
| Acetonitrile | 0.025 | 50 | <LOQ | Pentane | 0.025 | 500 | <LOQ |
| Anisole | 4 | 1000 | <LOQ | Propane | 0.025 | 500 | <LOQ |
| Benzene | 0.025 | 1 | <LOQ | Propyl acetate | 4 | 1000 | <LOQ |
| Butanes | 0.025 | 800 | <LOQ | Pyridine | 0.025 | 50 | <LOQ |
| Butyl acetate | 4 | 1000 | <LOQ | tert-Butyl methyl ether | 4 | 1000 | <LOQ |
| Chlorobenzene | 0.28 | 50 | <LOQ | Tetrahydrofuran | 0.025 | 50 | <LOQ |
| Chloroform | 0.025 | 1 | <LOQ | Tetramethylene sulfone | 0.025 | 160 | <LOQ |
| Cumene | 0.025 | 50 | <LOQ | Toluene | 0.025 | 1 | <LOQ |
| Cyclohexane | 0.025 | 3880 | <LOQ | Total Xylenes | 0.025 | 3 | <LOQ |
| Dimethyl sulfoxide | 0.025 | 5000 | <LOQ | Trichloroethylene | 0.025 | 1 | <LOQ |
| Ethanol | 0.025 | 2500 | 52.4 | Triethylamine | 4 | 1000 | <LOQ |
| Ethyl Acetate | 0.025 | 400 | <LOQ | Xylenes(o) | 0.025 | 1 | <LOQ |
| Ethyl Ether | 0.025 | 500 | <LOQ | Xylenes(p/m) | 0.025 | 1 | <LOQ |

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**Delta-9 Emulsion**
**Sample Matrix:** CBD/HEMP
Beverages/Liquid/Water
(Ingestion)

# Certificate of Analysis

**Compliance Test**

**Client Information:**

**GLOBAL ORGANIC LLC**
**2708 SUMMER STREET NE**
**MINNEAPOLIS, MN 55413**

**Order #** GLO251219-020001
**Order Date:** 2025-12-19
**Sample #** AAHH235

**Batch #** 556251107.
**Batch Date:** 2025-12-19
**Extracted From:** Hemp
Derived - Delta 9

**Test Reg State:** Colorado

**Sampling Date:** 2025-12-23
**Lab Batch Date:** 2025-12-23
**Completion Date:** 2026-01-02

## National Panel Pesticides

**Specimen Weight: 604.100 mg**

**Passed**
**SOP13.059 (LCMS)**

**Dilution Factor: 2.480**

| Analyte | LOD (ppb) | LOQ (ppb) | Action Limit (ppb) | Result (ppb) |
|---|---|---|---|---|
| Abamectin [99 1] | 0.399 | 23.3 | 300 | <LOQ |
| Acephate [99 1] | 0.141 | 24.8 | 3000 | <LOQ |
| Acequinocyl [99 1] | 2.178 | 24.8 | 2000 | <LOQ |
| Acetamiprid [99 1] | 0.14 | 24.8 | 3000 | <LOQ |
| Aldicarb [99 1] | 0.203 | 24.8 | 100 | <LOQ |
| Azoxystrobin [99 1] | 0.188 | 24.8 | 3000 | <LOQ |
| Bifenazate [99 1] | 0.086 | 24.8 | 3000 | <LOQ |
| Bifenthrin [99 1] | 0.1 | 24.8 | 500 | <LOQ |
| Boscalid [99 1] | 0.595 | 24.8 | 3000 | <LOQ |
| Captan [99 1] | 6.430 | 323 | 3000 | <LOQ |
| Carbaryl [99 1] | 0.122 | 24.8 | 500 | <LOQ |
| Carbofuran [99 1] | 0.1780086 | 24.8 | 100 | <LOQ |
| Chlorantraniliprole [99 1] | 0.0520084 | 24.8 | 3000 | <LOQ |
| Chlordane [99 1] | 1.410 | 24.8 | 100 | <LOQ |
| Chlorfenapyr [99 1] | 1.5 | 24.8 | 100 | <LOQ |
| Chlormequat Chloride [99 1] | 0.205 | 24.8 | 3000 | <LOQ |
| Chlorpyrifos [99 1] | 0.109 | 24.8 | 100 | <LOQ |
| Clofentezine [99 1] | 0.000000371 | 20 | 500 | <LOQ |
| Coumaphos [99 1] | 0.206 | 24.8 | 100 | <LOQ |
| Cyfluthrin [99 1] | 0.98 | 24.8 | 1000 | <LOQ |
| Cypermethrin [99 1] | 0.985 | 24.8 | 1000 | <LOQ |
| Daminozide [99 1] | 1.655 | 24.8 | 100 | <LOQ |
| Diazinon [99 1] | 0.212 | 24.8 | 200 | <LOQ |
| Dichlorvos [99 1] | 1.13 | 24.8 | 100 | <LOQ |
| Dimethoate [99 1] | 0.063 | 24.8 | 100 | <LOQ |
| Dimethomorph [99 1] | 2.581 | 24.8 | 3000 | <LOQ |
| Ethoprophos [99 1] | 0.151 | 24.8 | 100 | <LOQ |
| Etofenprox [99 1] | 0.172 | 24.8 | 100 | <LOQ |
| Etoxazole [99 1] | 0.866 | 24.8 | 1500 | <LOQ |
| Fenhexamid [99 1] | 0.588 | 24.8 | 3000 | <LOQ |
| Fenoxycarb [99 1] | 0.274 | 24.8 | 100 | <LOQ |
| Fenpyroximate [99 1] | 0.198 | 24.8 | 2000 | <LOQ |
| Fipronil [99 1] | 0.317 | 24.8 | 100 | <LOQ |
| Flonicamid [99 1] | 0.466 | 24.8 | 2000 | <LOQ |
| Fludioxonil [99 1] | 0.36 | 24.8 | 3000 | <LOQ |
| Hexythiazox [1] | 0.113 | 24.8 | 2000 | <LOQ |
| Imazalil [1] | 0.258 | 24.8 | 100 | <LOQ |
| Imidacloprid [1] | 0.402 | 24.58 | 3000 | <LOQ |
| Kresoxim Methyl [1] | 0.182 | 24.8 | 1000 | <LOQ |
| Malathion [1] | 0.223 | 24.8 | 2000 | <LOQ |
| Metalaxyl [1] | 0.27 | 24.8 | 3000 | <LOQ |
| Methiocarb [1] | 0.118 | 24.8 | 100 | <LOQ |
| Methomyl [1] | 0.1210064 | 9.6 | 100 | <LOQ |
| methyl-Parathion [1] | 3.065 | 9.6 | 100 | <LOQ |
| Mevinphos [1] | 0.093 | 24.8 | 100 | <LOQ |
| Myclobutanil [1] | 0.573 | 24.58 | 3000 | <LOQ |
| Naled [1] | 0.069 | 24.8 | 500 | <LOQ |
| Oxamyl [1] | 0.041 | 24.8 | 500 | <LOQ |
| Paclobutrazol [1] | 0.0000000693 | 20 | 100 | <LOQ |
| Permethrin [1] | 0.005862 | 500 | 1000 | <LOQ |
| Phosmet [1] | 0.127 | 24.8 | 200 | <LOQ |
| Piperonylbutoxide [1] | 0.149 | 24.8 | 3000 | <LOQ |
| Prallethrin [1] | 1.476 | 24.8 | 400 | <LOQ |
| Propiconazole [1] | 0.294 | 24.8 | 1000 | <LOQ |
| Propoxur [1] | 0.1 | 24.8 | 100 | <LOQ |
| Pyrethrins [1] | 0.002105 | 50 | 1000 | <LOQ |
| Pyridaben [1] | 0.14 | 24.8 | 3000 | <LOQ |
| Spinetoram [1] | 0.023645 | 20 | 3000 | <LOQ |
| Spinosad [1] | 0.134575 | 100 | 3000 | <LOQ |
| Spiromesifen [1] | 0.12 | 24.8 | 3000 | <LOQ |
| Spirotetramat [1] | 0.211 | 24.8 | 3000 | <LOQ |
| Spiroxamine [1] | 0.1190533 | 24.8 | 100 | <LOQ |
| Tebuconazole [1] | 0.23 | 24.8 | 1000 | <LOQ |
| Thiacloprid [1] | 0.397 | 9.6 | 100 | <LOQ |
| Thiamethoxam [1] | 0.104 | 9.6 | 1000 | <LOQ |
| Trifloxystrobin [1] | 0.088 | 9.6 | 3000 | <LOQ |
| Allethrin [2] | 0.472436 | 200 | 100 | <LOQ |
| Azadirachtin [2] | 0.003071 | 9.6 | 500 | <LOQ |
| Benzovindiflupyr [2] | 0.012567 | 20 | 10 | <LOQ |
| Clothianidin [2] | 0.000399 | 50 | 25 | <LOQ |
| Cyantraniliprole [2] | 0.006004 | 20 | 10 | <LOQ |
| Cyprodinil [2] | 0.001141 | 9.6 | 10 | <LOQ |
| Dinotefuran [2] | 0.236975 | 100 | 50 | <LOQ |
| Endosulfan-alpha [2] | 0.046 | 9.6 | 2500 | <LOQ |
| Endosulfan-beta [2] | 0.063 | 9.6 | 2500 | <LOQ |
| Etridiazole [2] | 0.072 | 9.6 | 150 | <LOQ |
| Fensulfothion [2] | 0.000794 | 20 | 10 | <LOQ |
| Fenthion [2] | 4.911315 | 20 | 10 | <LOQ |
| Fluopyram [2] | 1.12E-9 | 20 | 10 | <LOQ |
| Iprodione [2] | 0.105543 | 1000 | 500 | <LOQ |
| Kinoprene [2] | 0.091 | 500 | 1250 | <LOQ |
| Novaluron [2] | 0.000205 | 50 | 25 | <LOQ |
| Pirimicarb [2] | 0.0000566 | 20 | 10 | <LOQ |
| Pyraclostrobin [2] | 5.31E-7 | 20 | 10 | <LOQ |
| Resmethrin [2] | 0.068013 | 100 | 50 | <LOQ |
| Tebufenozide [2] | 0.018121 | 20 | 10 | <LOQ |
| Teflubenzuron [2] | 0.01662 | 50 | 25 | <LOQ |
| Tetrachlorvinphos [2] | 0.839125 | 20 | 10 | <LOQ |
| Atrazine [3] | 0.379918 | 25 | 9.6 | <LOQ |
| Buprofezin [3] | 0.00000000166 | 20 | 9.6 | <LOQ |
| Deltamethrin [3] | 0.492837 | 500 | 9.6 | <LOQ |
| Diuron [3] | 0.006862 | 125 | 9.6 | <LOQ |
| Dodemorph [3] | 6.47E-12 | 50 | 9.6 | <LOQ |
| Endosulfan sulfate [3] | 0.88376 | 50 | 2500 | <LOQ |
| Fenvalerate [3] | 0.597752 | 100 | 9.6 | <LOQ |
| Lambda Cyhalothrin [3] | 0.116859 | 250 | 9.6 | <LOQ |
| Methoprene [3] | 1.148463 | 2000 | 9.6 | <LOQ |
| MGK-264 [3] | 0.00052 | 50 | 7.4 | <LOQ |
| Pentachloronitrobenzen (Quintozene) | 7.95 | 24.8 | 200 | <LOQ |
| Phenothrin [3] | 0.000000212 | 50 | 9.6 | <LOQ |
| Pyriproxyfen [3] | 0.0000958 | 10 | 9.6 | <LOQ |
| Spirodiclofen [3] | 0.373769 | 250 | 9.6 | <LOQ |
| Tetramethrin [3] | 0.0000992 | 9.6 | 9.6 | <LOQ |
| Thiabendazole [3] | 0.001251 | 9.6 | 9.6 | <LOQ |
| Thiophanate-methyl [3] | 0.000223 | 9.6 | 9.6 | <LOQ |

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