



# Certificate of Analysis

Compliance Test

**Gaia Botanicals LLC**  
410 S. Arthur Avenue  
Louisville, CO 80027

Batch # 579 DS  
Batch Date: 2021-01-21  
Extracted From: hemp

Test Reg State: Florida

Order # GAI210121-010030  
Order Date: 2021-01-21  
Sample # AAAX826

Sampling Date: 2021-01-25  
Lab Batch Date: 2021-01-25  
Completion Date: 2021-01-29

Initial Gross Weight: 42.125 g



## Pesticides - Gaia Botanicals

Specimen Weight: 158.430 mg

**Passed**  
(LCMS/GCMS)

Dilution Factor: 9.468

| Analyte                 | LOQ (ppb) | Action Level (ppb) | Result (ppb) | Analyte                      | LOQ (ppb)     | Action Level (ppb) | Result (ppb) |
|-------------------------|-----------|--------------------|--------------|------------------------------|---------------|--------------------|--------------|
| Abamectin               | 30        | 300                | <LOQ         | Acephate                     | 30            | 3000               | <LOQ         |
| Acequinocyl             | 30        | 2000               | <LOQ         | Acetamiprid                  | 30            | 3000               | <LOQ         |
| Aldicarb                | 30        | 100                | <LOQ         | Azoxystrobin                 | 30            | 3000               | <LOQ         |
| Bifenazate              | 30        | 3000               | <LOQ         | Bifenthrin                   | 30            | 500                | <LOQ         |
| Carbaryl                | 30        | 500                | <LOQ         | Chlorfenapyr                 | 30            | 100                | <LOQ         |
| Chlorpyrifos            | 30        | 100                | <LOQ         | Clofentazine                 | 30            | 500                | <LOQ         |
| Coumaphos               | 30        | 100                | <LOQ         | Cyfluthrin                   | 30            | 1000               | <LOQ         |
| Cyfluthrin              | 30        | 1000               | <LOQ         | Cypermethrin                 | 30            | 1000               | <LOQ         |
| Daminozide              | 30        | 100                | <LOQ         | Diazinon                     | 30            | 200                | <LOQ         |
| Dichlorvos              | 30        | 100                | <LOQ         | Dimethoate                   | 30            | 100                | <LOQ         |
| Dimethomorph            | 30        | 3000               | <LOQ         | Ethoprophos                  | 30            | 100                | <LOQ         |
| Etofenprox              | 30        | 100                | <LOQ         | Etoxazole                    | 30            | 1500               | <LOQ         |
| Fenhexamid              | 30        | 3000               | <LOQ         | Fenoxycarb                   | 30            | 100                | <LOQ         |
| Fenpyroximate           | 30        | 2000               | <LOQ         | Fipronil                     | 30            | 100                | <LOQ         |
| Flonicamid              | 30        | 2000               | <LOQ         | Fludioxonil                  | 30            | 3000               | <LOQ         |
| Hexythiazox             | 30        | 2000               | <LOQ         | Imazalil                     | 30            | 100                | <LOQ         |
| Imidacloprid            | 30        | 3000               | <LOQ         | Kresoxim Methyl              | 30            | 1000               | <LOQ         |
| Malathion               | 30        | 2000               | <LOQ         | Metaxalyl                    | 30            | 3000               | <LOQ         |
| Methiocarb              | 30        | 100                | <LOQ         | Methomyl                     | 30            | 100                | <LOQ         |
| Mevinphos               | 30        | 100                | <LOQ         | Myclobutanil                 | 30            | 3000               | <LOQ         |
| Naled                   | 30        | 500                | <LOQ         | Oxamyl                       | 30            | 500                | <LOQ         |
| Paclobutrazol           | 30        | 100                | <LOQ         | Parathion-methyl             | 30            | 100                | <LOQ         |
| Pentachloronitrobenzene | 30        | 200                | <LOQ         | Permethrin                   | 30            | 1000               | <LOQ         |
| Phosmet                 | 30        | 200                | <LOQ         | Piperonylbutoxide            | 30            | 3000               | <LOQ         |
| Prallethrin             | 30        | 400                | <LOQ         | Propiconazole                | 30            | 1000               | <LOQ         |
| Propoxur                | 30        | 100                | <LOQ         | Pyrethrins                   | 30            | 1000               | <LOQ         |
| Pyridaben               | 30        | 3000               | <LOQ         | Spinetoram                   | 30            | 3000               | <LOQ         |
| Spiromesifen            | 30        | 3000               | <LOQ         | Spirotetramat                | 30            | 3000               | <LOQ         |
| Spiroxamine             | 30        | 100                | <LOQ         | Tebuconazole                 | 30            | 1000               | <LOQ         |
| Thiacloprid             | 30        | 100                | <LOQ         | Thiamethoxam                 | 30            | 1000               | <LOQ         |
| Trifloxystrobin         | 30        | 3000               | <LOQ         | Total Contaminant Load (TCL) | None Detected |                    |              |

*Xueli Gao*      *Aixia Sun*  
Xueli Gao      Lab Toxicologist      Aixia Sun  
Ph.D., DABT      Lab Director/Principal Scientist  
D.H.Sc., M.Sc., B.Sc., MT (AAB)



Definitions and Abbreviations used in this report: \*Total CBD = CBD + (CBD-A \* 0.877), \*Total THC = THCA-A \* 0.877 + Delta 9 THC, \*CBG Total = (CBGA \* 0.877) + CBG, \*CBN Total = (CBNA \* 0.877) + CBN, \*Other Cannabinoids Total = CBC + CBDV + THCV + THCV-A, \*Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCV-A, \*Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (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) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram



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.