



# Green Leaf Lab®

251 Lathrop Way Suites D&E Sacramento, CA 95815  
916-924-5227 / [www.greenleaflabs.com](http://www.greenleaflabs.com)  
License#: C8-0000078-LIC

## Quality Control Testing Official Report

**Distributor**

Akira Botanicals  
7271 Big Pine Rd, Marshall NC 28753

**Cultivator/Manufacturer**

Akira Botanicals R&D

**Relief 5000 Oil**

Test RFID:

Source RFID: na

Lab Sample ID: S5B0272-05

Source Batch ID: 2405

Matrix: Orally-Consumed Concentrate - volume

Batch Size: na

Date Sampled: 09/24/25

Date Received: 09/25/25

Harvest/Processing Date: 9/13/25

Sample Size: 1 unit

Product Density: na

### Results at a Glance

Overall Batch : **PASS**

Cannabinoids : **PASS**

Pesticides : **PASS**

Residual Solvent Analysis : **PASS**

Microbials : **PASS**

Metals : **PASS**

Foreign Material : **PASS**

Mycotoxins : **PASS**

Taylor Pearce  
CA Lab Director - 9/17/2025



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### Relief 5000 Oil

Test RFID:

Source RFID: na

Lab Sample ID: S4G0008-04

Source Batch ID: 2405

Matrix: Orally-Consumed Concentrate - volume

Batch Size: na

Sample Size: 2 units

Date Sampled: 09/01/25

Date Received: 09/02/25

Harvest/Processing Date: 8/27/25

Product Density: na

## Potency Analysis by HPLC

Date/Time Extracted: 09/02/25 08:17

Analysis Method/SOP: C-001

Date/Time Analyzed: 09/02/25 16:03

| Cannabinoids        | LOD<br>mg/g | LOQ<br>mg/g | %     | mg/g  | mg/package | mg/serving |
|---------------------|-------------|-------------|-------|-------|------------|------------|
| Total THC           | 0.03        | 0.03        | 0.243 | 2.43  | 72.9       | 1.22       |
| Total CBD           | 0.03        | 0.03        | 10.10 | 101   | 3030       | 50.5       |
| THCA                | 0.03        | 0.03        | ND    | ND    | ND         | ND         |
| delta 9-THC         | 0.03        | 0.03        | 0.243 | 2.43  | 72.9       | 1.22       |
| THCV                | 0.03        | 0.03        | ND    | ND    | ND         | ND         |
| THCVA               | 0.03        | 0.03        | ND    | ND    | ND         | ND         |
| CBD                 | 0.03        | 0.03        | 5.828 | 58.28 | 1750       | 29.1       |
| CBDA                | 0.03        | 0.03        | 4.867 | 48.67 | 1460       | 24.3       |
| CBDV                | 0.03        | 0.03        | ND    | ND    | ND         | ND         |
| CBDVA               | 0.03        | 0.03        | ND    | ND    | ND         | ND         |
| CBN                 | 0.03        | 0.03        | 0.066 | 0.66  | 19.8       | 0.330      |
| CBG                 | 0.03        | 0.03        | 7.359 | 73.59 | 2210       | 36.8       |
| CBGA                | 0.03        | 0.03        | ND    | ND    | ND         | ND         |
| CBC                 | 0.03        | 0.03        | 0.220 | 2.2   | 66.0       | 1.10       |
| Total Cannabinoids  | 0.03        | 0.03        | 17.99 | 179.9 | 5400       | 90.0       |
| Sum of Cannabinoids | 0.32        | 0.33        | 18.58 | 185.8 | 5570       | 92.9       |

Unit weight = 30 g as provided by client

Total THC = delta 9-THC + (THCA \* 0.877)

Total CBD = CBD + (CBDA \* 0.877)

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CA Lab Director - 9/3/2025



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### Relief 5000 Oil

Test RFID:

Source RFID: na

Lab Sample ID: S5B0272-05

Source Batch ID: 2405

Matrix: Orally-Consumed Concentrate - volume

Batch Size: na

Sample Size: 1 unit

Date Sampled: 09/24/25

Date Received: 09/25/25

Harvest/Processing Date: 9/13/25

Product Density: na

## Pesticide Analysis by GCMS/LCMS

Date/Time Extracted: 09/26/25 12:54

Date/Time GC Analyzed: 09/27/25 11:51

Analysis Method/SOP: RP-001

Date/Time LC Analyzed: 09/27/25 05:31

| Analyte                 | Result | Action Level | LOD   | LOQ   | Units | Analyte            | Result | Action Level | LOD   | LOQ   | Units |
|-------------------------|--------|--------------|-------|-------|-------|--------------------|--------|--------------|-------|-------|-------|
| Abamectin               | ND     | 0.3          | 0.060 | 0.080 | ug/g  | Acephate           | ND     | 5            | 0.060 | 0.080 | ug/g  |
| Acequinocyl             | ND     | 4            | 0.060 | 0.080 | ug/g  | Acetamiprid        | ND     | 5            | 0.060 | 0.080 | ug/g  |
| Aldicarb                | ND     | 0.05         | 0.060 | 0.080 | ug/g  | Azoxystrobin       | ND     | 40           | 0.060 | 0.080 | ug/g  |
| Bifenazate              | ND     | 5            | 0.060 | 0.080 | ug/g  | Bifenthrin         | ND     | 0.5          | 0.060 | 0.080 | ug/g  |
| Boscalid                | ND     | 10           | 0.060 | 0.080 | ug/g  | Captan             | ND     | 5            | 0.500 | 0.500 | ug/g  |
| Carbaryl                | ND     | 0.5          | 0.060 | 0.080 | ug/g  | Carbofuran         | ND     | 0.05         | 0.060 | 0.080 | ug/g  |
| Chlorantraniliprole     | ND     | 40           | 0.060 | 0.080 | ug/g  | Chlordane          | ND     | 0.05         | 0.060 | 0.080 | ug/g  |
| Chlorfenapyr            | ND     | 0.05         | 0.060 | 0.080 | ug/g  | Chlorpyrifos       | ND     | 0.05         | 0.060 | 0.080 | ug/g  |
| Clofentezine            | ND     | 0.5          | 0.060 | 0.080 | ug/g  | Coumaphos          | ND     | 0.05         | 0.060 | 0.080 | ug/g  |
| Cyfluthrin              | ND     | 1            | 0.250 | 0.700 | ug/g  | Cypermethrin       | ND     | 1            | 0.250 | 0.500 | ug/g  |
| Daminozide              | ND     | 0.05         | 0.060 | 0.080 | ug/g  | DDVP (Dichlorvos)  | ND     | 0.05         | 0.060 | 0.080 | ug/g  |
| Diazinon                | ND     | 0.2          | 0.060 | 0.080 | ug/g  | Dimethoate         | ND     | 0.05         | 0.060 | 0.080 | ug/g  |
| Dimethomorph            | ND     | 20           | 0.060 | 0.080 | ug/g  | Ethoprophos        | ND     | 0.05         | 0.060 | 0.080 | ug/g  |
| Etofenprox              | ND     | 0.05         | 0.060 | 0.080 | ug/g  | Etoxazole          | ND     | 1.5          | 0.060 | 0.080 | ug/g  |
| Fenhexamid              | ND     | 10           | 0.060 | 0.080 | ug/g  | Fenoxycarb         | ND     | 0.05         | 0.060 | 0.080 | ug/g  |
| Fenpyroximate           | ND     | 2            | 0.060 | 0.080 | ug/g  | Fipronil           | ND     | 0.05         | 0.060 | 0.080 | ug/g  |
| Flonicamid              | ND     | 2            | 0.060 | 0.080 | ug/g  | Fludioxonil        | ND     | 30           | 0.060 | 0.080 | ug/g  |
| Hexythiazox             | ND     | 2            | 0.060 | 0.080 | ug/g  | Imazalil           | ND     | 0.05         | 0.060 | 0.080 | ug/g  |
| Imidacloprid            | ND     | 3            | 0.060 | 0.080 | ug/g  | Kresoxim-methyl    | ND     | 1            | 0.060 | 0.080 | ug/g  |
| Malathion               | ND     | 5            | 0.060 | 0.080 | ug/g  | Metalaxyl          | ND     | 15           | 0.060 | 0.080 | ug/g  |
| Methiocarb              | ND     | 0.05         | 0.060 | 0.080 | ug/g  | Methomyl           | ND     | 0.1          | 0.060 | 0.080 | ug/g  |
| Methyl parathion        | ND     | 0.05         | 0.060 | 0.080 | ug/g  | Mevinphos          | ND     | 0.05         | 0.060 | 0.080 | ug/g  |
| Myclobutanil            | ND     | 9            | 0.060 | 0.080 | ug/g  | Naled              | ND     | 0.5          | 0.060 | 0.080 | ug/g  |
| Oxamyl                  | ND     | 0.2          | 0.060 | 0.080 | ug/g  | Paclobutrazol      | ND     | 0.05         | 0.060 | 0.080 | ug/g  |
| Pentachloronitrobenzene | ND     | 0.2          | 0.060 | 0.080 | ug/g  | Permethrins        | ND     | 20           | 0.060 | 0.080 | ug/g  |
| Phosmet                 | ND     | 0.2          | 0.060 | 0.080 | ug/g  | Piperonyl butoxide | ND     | 8            | 0.060 | 0.080 | ug/g  |
| Prallethrin             | ND     | 0.4          | 0.060 | 0.080 | ug/g  | Propiconazole      | ND     | 20           | 0.060 | 0.080 | ug/g  |
| Propoxur                | ND     | 0.05         | 0.060 | 0.080 | ug/g  | Pyrethrins         | ND     | 1            | 0.060 | 0.080 | ug/g  |
| Pyridaben               | ND     | 3            | 0.060 | 0.080 | ug/g  | Spinetoram         | ND     | 3            | 0.060 | 0.080 | ug/g  |
| Spinosad                | ND     | 3            | 0.060 | 0.080 | ug/g  | Spiromesifen       | ND     | 12           | 0.060 | 0.080 | ug/g  |
| Spirotetramat           | ND     | 13           | 0.060 | 0.080 | ug/g  | Spiroxamine        | ND     | 0.05         | 0.060 | 0.080 | ug/g  |
| Tebuconazole            | ND     | 2            | 0.060 | 0.080 | ug/g  | Thiacloprid        | ND     | 0.05         | 0.060 | 0.080 | ug/g  |
| Thiamethoxam            | ND     | 4.5          | 0.500 | 1.00  | ug/g  | Trifloxystrobin    | ND     | 30           | 0.060 | 0.080 | ug/g  |

ND - Compound not detected

<LOQ - Results below the Limit of Quantitation

Results above the Action Level fail state testing requirements and will be highlighted **Red**.

Taylor Pearce  
CA Lab Director - 9/17/2025



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### Cultivator/Manufacturer

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### Relief 5000 Oil

Test RFID:

Source RFID: na

Lab Sample ID: S5B0272-05

Source Batch ID: 2405

Matrix: Orally-Consumed Concentrate - volume

Batch Size: na

Sample Size: 1 unit

Date Sampled: 09/24/25

Date Received: 09/25/25

Harvest/Processing Date: 9/13/25

Product Density: na

## Residual Solvent Analysis by GCMS-HS

Date/Time Extracted: 09/25/25 08:56

Analysis Method/SOP: RS-001

Date/Time Analyzed: 09/26/25 19:43

| Analyte            | Result | Action Level | LOD  | LOQ   | Units |
|--------------------|--------|--------------|------|-------|-------|
| 1,2-Dichloroethane | ND     | 1            | 0.10 | 0.77  | ug/g  |
| Acetone            | ND     | 5000         | 0.10 | 961.9 | ug/g  |
| Acetonitrile       | ND     | 410          | 0.10 | 48.10 | ug/g  |
| Benzene            | ND     | 1            | 0.10 | 0.77  | ug/g  |
| Butane             | ND     | 5000         | 0.10 | 961.9 | ug/g  |
| Chloroform         | ND     | 1            | 0.10 | 0.77  | ug/g  |
| Ethanol            | ND     | 5000         | 0.10 | 961.9 | ug/g  |
| Ethyl acetate      | ND     | 5000         | 0.10 | 961.9 | ug/g  |
| Ethyl ether        | ND     | 5000         | 0.10 | 961.9 | ug/g  |
| Ethylene oxide     | ND     | 1            | 0.10 | 0.77  | ug/g  |
| Heptane            | ND     | 5000         | 0.10 | 961.9 | ug/g  |
| Hexane             | ND     | 290          | 0.10 | 48.10 | ug/g  |
| Isopropyl Alcohol  | ND     | 5000         | 0.10 | 961.9 | ug/g  |
| Methanol           | ND     | 3000         | 0.10 | 961.9 | ug/g  |
| Methylene chloride | ND     | 1            | 0.10 | 0.77  | ug/g  |
| Pentane            | ND     | 5000         | 0.10 | 961.9 | ug/g  |
| Propane            | ND     | 5000         | 0.10 | 961.9 | ug/g  |
| Toluene            | ND     | 890          | 0.10 | 48.10 | ug/g  |
| Trichloroethylene  | ND     | 1            | 0.10 | 0.77  | ug/g  |
| xylene (total)     | ND     | 2170         | 0.10 | 48.10 | ug/g  |

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### Relief 5000 Oil

Test RFID:

Source RFID: na

Lab Sample ID: S5B0272-05

Source Batch ID: 2405

Matrix: Orally-Consumed Concentrate - volume

Batch Size: na

Date Sampled: 09/24/25

Date Received: 09/25/25

Harvest/Processing Date: 9/13/25

Sample Size: 1 unit

Product Density: na

## Metals Analysis by ICPMS

Date/Time Extracted: 09/25/25 09:06

Analysis Method/SOP: HM-001

Date/Time Analyzed: 09/26/25 20:58

| Analyte | Result | Action Level | LOD     | LOQ    | Units |
|---------|--------|--------------|---------|--------|-------|
| Arsenic | ND     | 0.2          | 0.0285  | 0.0855 | ug/g  |
| Cadmium | ND     | 0.2          | 0.0105  | 0.0315 | ug/g  |
| Lead    | ND     | 0.5          | 0.0170  | 0.0510 | ug/g  |
| Mercury | ND     | 0.1          | 0.00700 | 0.0210 | ug/g  |

ND - Compound not detected

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### Relief 5000 Oil

Test RFID:

Source RFID: na

Lab Sample ID: S5B0272-05

Source Batch ID: 2405

Matrix: Orally-Consumed Concentrate - volume

Batch Size: na

Sample Size: 1 unit

Date Sampled: 09/24/25

Date Received: 09/25/25

Harvest/Processing Date: 9/13/25

Product Density: na

## Mycotoxins by LCMSMS

Date/Time Extracted: 09/26/25 12:54

Analysis Method/SOP: RP-001

Date/Time Analyzed: 09/27/25 16:11

| Analyte          | Result | Action Level | LOD   | LOQ   | Units |
|------------------|--------|--------------|-------|-------|-------|
| aflatoxin B1     | ND     |              | 0.017 | 0.098 | ug/kg |
| aflatoxin B2     | ND     |              | 0.045 | 0.490 | ug/kg |
| aflatoxin G1     | ND     |              | 0.004 | 0.196 | ug/kg |
| aflatoxin G2     | ND     |              | 0.059 | 0.196 | ug/kg |
| Ochratoxin A     | ND     | 20           | 0.062 | 0.490 | ug/kg |
| Total Aflatoxins | ND     | 20           | 0.004 | 0.098 | ug/kg |

ND - Compound not detected

<LOQ - Results below the Limit of Quantitation

Results above the Action Level fail state testing requirements and will be highlighted **Red**.

## Microbials by PCR

Date/Time Extracted: 09/25/25 09:02

Analysis Method/SOP: MI-301

Date/Time Analyzed: 09/27/25 09:53

| Analyte               | Result | Action Level | LOD  | LOQ  | Units |                        |
|-----------------------|--------|--------------|------|------|-------|------------------------|
| Aspergillus Flavus    | Pass   | 1            | 0.00 | 0.00 | CFU/g | No detection in 1 gram |
| Aspergillus Fumigatus | Pass   | 1            | 0.00 | 0.00 | CFU/g | No detection in 1 gram |
| Aspergillus Niger     | Pass   | 1            | 0.00 | 0.00 | CFU/g | No detection in 1 gram |
| Aspergillus Terreus   | Pass   | 1            | 0.00 | 0.00 | CFU/g | No detection in 1 gram |
| Escherichia Coli      | Pass   | 1            | 0.00 | 0.00 | CFU/g | No detection in 1 gram |
| Salmonella            | Pass   | 1            | 0.00 | 0.00 | CFU/g | No detection in 1 gram |

## Filth and Foreign Material Inspection by Magnification

Date/Time Extracted: 09/25/25 08:53

Analysis Method/SOP: FM-001

Date/Time Analyzed: 09/26/25 09:46

| Analyte          | Result | Action Level | LOD  | LOQ  | Units |
|------------------|--------|--------------|------|------|-------|
| Foreign Material | Pass   | 1            | 1.00 | 1.00 | FMU   |

<LOQ - Results below the Limit of Quantitation

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