Green Leaf Lab
251 Lathrop Way Suites D&E Sacramento, CA 95815
916-924-5227 / www.greenleaflabs.com
License#: C8-0000078-LIC

# Quality Control Testing Official Report

**Distributor**
Grateful Co
280 Aldergrove Rd. Suite B, Arcata CA 95521

**Cultivator/Manufacturer**
Grateful Company R&D

## Hindu Kush THCA Rosin

**Test RFID:**
**Source RFID:** na
**Lab Sample ID:** S5B0099-05
**Source Batch ID:** na
**Matrix:** Inhalable Concentrate - weight
**Batch Size:** na
**Sample Size:** 10 g
**Date Sampled:** 02/10/25
**Date Received:** 02/11/25
**Harvest/Processing Date:** na
**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 - 2/13/2025



LQC samples were performed and met the prescribed acceptance criteria in 4 CCR section 15730; data available upon request. These results relate only to the sample included on this report.
The report may not be reproduced except in full, without the written permission of Green Leaf Lab. The validity of results can be affected by the client supplied information.

This is for informational testing and is not compliance testing. The sample has been provided by the customer and lab results apply to the sample received

Green Leaf Lab
251 Lathrop Way Suites D&E Sacramento, CA 95815
916-924-5227 / www.greenleaflabs.com
License#: C8-0000078-LIC

# Quality Control Testing Official Report

**Distributor**
Grateful Co
280 Aldergrove Rd. Suite B, Arcata CA 95521

**Cultivator/Manufacturer**
Grateful Company R&D

## Hindu Kush THCA Rosin

**Test RFID:**
**Source RFID:** na
**Lab Sample ID:** S5B0099-05
**Source Batch ID:** na
**Matrix:** Inhalable Concentrate - weight
**Batch Size:** na
**Sample Size:** 10 g
**Date Sampled:** 02/10/25
**Date Received:** 02/11/25
**Harvest/Processing Date:** na
**Product Density:** na

## Potency Analysis by HPLC

**Date/Time Extracted:** 02/11/25 09:25
**Analysis Method/SOP:** C-001
**Date/Time Analyzed:** 02/12/25 18:45

| Cannabinoids | LOD mg/g | LOQ mg/g | % | mg/g |
|---|---|---|---|---|
| Total THC | 0.40 | 0.41 | 74.59 | 745.9 |
| Total CBD | 0.40 | 0.41 | ND | ND |
| THCA | 0.40 | 0.41 | 85.05 | 850.5 |
| delta 9-THC | 0.40 | 0.41 | ND | ND |
| THCV | 0.40 | 0.41 | ND | ND |
| THCVA | 0.40 | 0.41 | ND | ND |
| CBD | 0.40 | 0.41 | ND | ND |
| CBDA | 0.40 | 0.41 | ND | ND |
| CBDV | 0.40 | 0.41 | ND | ND |
| CBDVA | 0.40 | 0.41 | ND | ND |
| CBN | 0.40 | 0.41 | ND | ND |
| CBG | 0.40 | 0.41 | ND | ND |
| CBGA | 0.40 | 0.41 | ND | ND |
| CBC | 0.40 | 0.41 | ND | ND |
| Total Cannabinoids | 0.40 | 0.41 | 74.59 | 745.9 |
| Sum of Cannabinoids | 0.40 | 0.41 | 85.05 | 850.5 |

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

Taylor Pearce
CA Lab Director - 2/13/2025



LQC samples were performed and met the prescribed acceptance criteria in 4 CCR section 15730; data available upon request. These results relate only to the sample included on this report. The report may not be reproduced except in full, without the written permission of Green Leaf Lab. The validity of results can be affected by the client supplied information.

This is for informational testing and is not compliance testing. The sample has been provided by the customer and lab results apply to the sample received

Green Leaf Lab
251 Lathrop Way Suites D&E Sacramento, CA 95815
916-924-5227 / www.greenleaflabs.com
License#: C8-0000078-LIC

# Quality Control Testing
# Official Report

**Distributor**
Grateful Co
280 Aldergrove Rd. Suite B, Arcata CA 95521

**Cultivator/Manufacturer**
Grateful Company R&D

## Hindu Kush THCA Rosin

**Test RFID:**
**Source RFID:** na
**Lab Sample ID:** S5B0099-05
**Source Batch ID:** na
**Matrix:** Inhalable Concentrate - weight
**Batch Size:** na
**Sample Size:** 10 g
**Date Sampled:** 02/10/25
**Date Received:** 02/11/25
**Harvest/Processing Date:** na
**Product Density:** na

## Pesticide Analysis by GCMS/LCMS

**Date/Time Extracted: 02/11/25 09:19**
**Analysis Method/SOP: RP-001**
**Date/Time GC Analyzed: 02/12/25 10:43**
**Date/Time LC Analyzed: 02/11/25 23:02**

| Analyte | Result | Action Level | LOD | LOQ | Units | Analyte | Result | Action Level | LOD | LOQ | Units |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Abamectin | ND | 0.1 | 0.060 | 0.080 | ug/g | Acephate | ND | 0.1 | 0.060 | 0.080 | ug/g |
| Acequinocyl | ND | 0.1 | 0.060 | 0.080 | ug/g | Acetamiprid | ND | 0.1 | 0.060 | 0.080 | ug/g |
| Aldicarb | ND | 0.05 | 0.060 | 0.080 | ug/g | Azoxystrobin | ND | 0.1 | 0.060 | 0.080 | ug/g |
| Bifenazate | ND | 0.1 | 0.060 | 0.080 | ug/g | Bifenthrin | ND | 3 | 0.060 | 0.080 | ug/g |
| Boscalid | ND | 0.1 | 0.060 | 0.080 | ug/g | Captan | ND | 0.7 | 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 | 10 | 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 | 0.1 | 0.060 | 0.080 | ug/g | Coumaphos | ND | 0.05 | 0.060 | 0.080 | ug/g |
| Cyfluthrin | ND | 2 | 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 | 0.1 | 0.060 | 0.080 | ug/g | Dimethoate | ND | 0.05 | 0.060 | 0.080 | ug/g |
| Dimethomorph | ND | 2 | 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 | 0.1 | 0.060 | 0.080 | ug/g |
| Fenhexamid | ND | 0.1 | 0.060 | 0.080 | ug/g | Fenoxycarb | ND | 0.05 | 0.060 | 0.080 | ug/g |
| Fenpyroximate | ND | 0.1 | 0.060 | 0.080 | ug/g | Fipronil | ND | 0.05 | 0.060 | 0.080 | ug/g |
| Flonicamid | ND | 0.1 | 0.060 | 0.080 | ug/g | Fludioxonil | ND | 0.1 | 0.060 | 0.080 | ug/g |
| Hexythiazox | ND | 0.1 | 0.060 | 0.080 | ug/g | Imazalil | ND | 0.05 | 0.060 | 0.080 | ug/g |
| Imidacloprid | ND | 5 | 0.060 | 0.080 | ug/g | Kresoxim-methyl | ND | 0.1 | 0.060 | 0.080 | ug/g |
| Malathion | ND | 0.5 | 0.060 | 0.080 | ug/g | Metalaxyl | ND | 2 | 0.060 | 0.080 | ug/g |
| Methiocarb | ND | 0.05 | 0.060 | 0.080 | ug/g | Methomyl | ND | 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 | 0.1 | 0.060 | 0.080 | ug/g | Naled | ND | 0.1 | 0.060 | 0.080 | ug/g |
| Oxamyl | ND | 0.5 | 0.060 | 0.080 | ug/g | Paclobutrazol | ND | 0.05 | 0.060 | 0.080 | ug/g |
| Pentachloronitrobenzene | ND | 0.1 | 0.060 | 0.080 | ug/g | Permethrins | ND | 0.5 | 0.060 | 0.080 | ug/g |
| Phosmet | ND | 0.1 | 0.060 | 0.080 | ug/g | Piperonyl butoxide | ND | 3 | 0.060 | 0.080 | ug/g |
| Prallethrin | ND | 0.1 | 0.060 | 0.080 | ug/g | Propiconazole | ND | 0.1 | 0.060 | 0.080 | ug/g |
| Propoxur | ND | 0.05 | 0.060 | 0.080 | ug/g | Pyrethrins | ND | 0.5 | 0.060 | 0.080 | ug/g |
| Pyridaben | ND | 0.1 | 0.060 | 0.080 | ug/g | Spinetoram | ND | 0.1 | 0.060 | 0.080 | ug/g |
| Spinosad | ND | 0.1 | 0.060 | 0.080 | ug/g | Spiromesifen | ND | 0.1 | 0.060 | 0.080 | ug/g |
| Spirotetramat | ND | 0.1 | 0.060 | 0.080 | ug/g | Spiroxamine | ND | 0.05 | 0.060 | 0.080 | ug/g |
| Tebuconazole | ND | 0.1 | 0.060 | 0.080 | ug/g | Thiacloprid | ND | 0.05 | 0.060 | 0.080 | ug/g |
| Thiamethoxam | ND | 5 | 0.500 | 1.00 | ug/g | Trifloxystrobin | ND | 0.1 | 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 - 2/13/2025



LQC samples were performed and met the prescribed acceptance criteria in 4 CCR section 15730; data available upon request. These results relate only to the sample included on this report.
The report may not be reproduced except in full, without the written permission of Green Leaf Lab. The validity of results can be affected by the client supplied information.

This is for informational testing and is not compliance testing. The sample has been provided by the customer and lab results apply to the sample received

Green Leaf Lab
251 Lathrop Way Suites D&E Sacramento, CA 95815
916-924-5227 / www.greenleaflabs.com
License#: C8-0000078-LIC

# Quality Control Testing Official Report

**Distributor**
Grateful Co
280 Aldergrove Rd. Suite B, Arcata CA 95521

**Cultivator/Manufacturer**
Grateful Company R&D

## Hindu Kush THCA Rosin

**Test RFID:**
**Source RFID:** na
**Lab Sample ID:** S5B0099-05
**Source Batch ID:** na
**Matrix:** Inhalable Concentrate - weight
**Batch Size:** na
**Sample Size:** 10 g
**Date Sampled:** 02/10/25
**Date Received:** 02/11/25
**Harvest/Processing Date:** na
**Product Density:** na

## Residual Solvent Analysis by GCMS-HS

**Date/Time Extracted: 02/11/25 09:11**
**Analysis Method/SOP: RS-001**
**Date/Time Analyzed: 02/12/25 19:27**

| Analyte | Result | Action Level | LOD | LOQ | Units |
|---|---|---|---|---|---|
| 1,2-Dichloroethane | ND | 1 | 0.10 | 0.78 | ug/g |
| Acetone | ND | 5000 | 0.10 | 980.0 | ug/g |
| Acetonitrile | ND | 410 | 0.10 | 49.00 | ug/g |
| Benzene | ND | 1 | 0.10 | 0.78 | ug/g |
| Butane | ND | 5000 | 0.10 | 980.0 | ug/g |
| Chloroform | ND | 1 | 0.10 | 0.78 | ug/g |
| Ethanol | ND | 5000 | 0.10 | 980.0 | ug/g |
| Ethyl acetate | ND | 5000 | 0.10 | 980.0 | ug/g |
| Ethyl ether | ND | 5000 | 0.10 | 980.0 | ug/g |
| Ethylene oxide | ND | 1 | 0.10 | 0.78 | ug/g |
| Heptane | ND | 5000 | 0.10 | 980.0 | ug/g |
| Hexane | ND | 290 | 0.10 | 49.00 | ug/g |
| Isopropyl Alcohol | ND | 5000 | 0.10 | 980.0 | ug/g |
| Methanol | ND | 3000 | 0.10 | 980.0 | ug/g |
| Methylene chloride | ND | 1 | 0.10 | 0.78 | ug/g |
| Pentane | ND | 5000 | 0.10 | 980.0 | ug/g |
| Propane | ND | 5000 | 0.10 | 980.0 | ug/g |
| Toluene | ND | 890 | 0.10 | 49.00 | ug/g |
| Trichloroethylene | ND | 1 | 0.10 | 0.78 | ug/g |
| xylenes (total) | ND | 2170 | 0.10 | 49.00 | 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 - 2/13/2025



LQC samples were performed and met the prescribed acceptance criteria in 4 CCR section 15730; data available upon request. These results relate only to the sample included on this report.
The report may not be reproduced except in full, without the written permission of Green Leaf Lab. The validity of results can be affected by the client supplied information.

This is for informational testing and is not compliance testing. The sample has been provided by the customer and lab results apply to the sample received

Green Leaf Lab
251 Lathrop Way Suites D&E Sacramento, CA 95815
916-924-5227 / www.greenleaflabs.com
License#: C8-0000078-LIC

# Quality Control Testing
# Official Report

**Distributor**
Grateful Co
280 Aldergrove Rd. Suite B, Arcata CA 95521

**Cultivator/Manufacturer**
Grateful Company R&D

## Hindu Kush THCA Rosin

**Test RFID:**
**Source RFID:** na
**Lab Sample ID:** S5B0099-05
**Source Batch ID:** na
**Matrix:** Inhalable Concentrate - weight
**Batch Size:** na
**Sample Size:** 10 g
**Date Sampled:** 02/10/25
**Date Received:** 02/11/25
**Harvest/Processing Date:** na
**Product Density:** na

## Metals Analysis by ICPMS

**Date/Time Extracted: 02/11/25 08:54**
**Analysis Method/SOP: HM-001**
**Date/Time Analyzed: 02/12/25 19:36**

| 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
<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 - 2/13/2025



LQC samples were performed and met the prescribed acceptance criteria in 4 CCR section 15730; data available upon request. These results relate only to the sample included on this report.
The report may not be reproduced except in full, without the written permission of Green Leaf Lab. The validity of results can be affected by the client supplied information.

This is for informational testing and is not compliance testing. The sample has been provided by the customer and lab results apply to the sample received

Green Leaf Lab
251 Lathrop Way Suites D&E Sacramento, CA 95815
916-924-5227 / www.greenleaflabs.com
License#: C8-0000078-LIC

# Quality Control Testing Official Report

**Distributor**
Grateful Co
280 Aldergrove Rd. Suite B, Arcata CA 95521

**Cultivator/Manufacturer**
Grateful Company R&D

## Hindu Kush THCA Rosin

**Test RFID:**
**Source RFID:** na
**Lab Sample ID:** S5B0099-05
**Source Batch ID:** na
**Matrix:** Inhalable Concentrate - weight
**Batch Size:** na
**Sample Size:** 10 g
**Date Sampled:** 02/10/25
**Date Received:** 02/11/25
**Harvest/Processing Date:** na
**Product Density:** na

## Mycotoxins by LCMSMS

**Date/Time Extracted: 02/11/25 09:19**
**Analysis Method/SOP: RP-001**
**Date/Time Analyzed: 02/12/25 09:52**

| Analyte | Result | Action Level | LOD | LOQ | Units |
|---|---|---|---|---|---|
| aflatoxin B1 | ND | | 0.017 | 0.099 | ug/kg |
| aflatoxin B2 | ND | | 0.045 | 0.496 | ug/kg |
| aflatoxin G1 | ND | | 0.004 | 0.198 | ug/kg |
| aflatoxin G2 | ND | | 0.060 | 0.198 | ug/kg |
| Ochratoxin A | ND | 20 | 0.063 | 0.496 | ug/kg |
| Total Aflatoxins | ND | 20 | 0.004 | 0.099 | 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: 02/11/25 09:14**
**Analysis Method/SOP: MI-301**
**Date/Time Analyzed: 02/12/25 17:25**

| 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: 02/11/25 08:43**
**Analysis Method/SOP: FM-001**
**Date/Time Analyzed: 02/11/25 09:24**

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

<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 - 2/13/2025



LQC samples were performed and met the prescribed acceptance criteria in 4 CCR section 15730; data available upon request. These results relate only to the sample included on this report.
The report may not be reproduced except in full, without the written permission of Green Leaf Lab. The validity of results can be affected by the client supplied information.

This is for informational testing and is not compliance testing. The sample has been provided by the customer and lab results apply to the sample received