



# Green Leaf Lab®

251 Lathrop Way Suites D&E Sacramento, CA 95815  
916-924-5227 / www.greenleaflabs.com  
License#: C8-000078-LIC

## Quality Control Testing Official Report

**Distributor**

Akira Botanicals  
7271 Big Pine Rd, Marshall NC 28753

**Cultivator/Manufacturer**

Akira Botanicals R&D



### Raspberry Kush Cake Live Resin CBD

Test RFID:

Source RFID: na

Lab Sample ID: S5B0272-05

Source Batch ID: 021325

Matrix: Inhalable Concentrate - weight

Batch Size: na

Sample Size: 1 unit

Date Sampled: 02/24/25

Date Received: 02/25/25

Harvest/Processing Date: 2/13/25

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 - 2/27/2025



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### Raspberry Kush Cake Live Resin

Test RFID:

Source RFID: na

Lab Sample ID: S5C0216-03

Source Batch ID: na

Matrix: Inhalable Concentrate - weight

Batch Size: na

Sample Size: 1 unit

Date Sampled: 03/18/25

Date Received: 03/19/25

Harvest/Processing Date: 2/13/25

Product Density: na

### Terpene Analysis by GCMS

Date/Time Extracted: 03/20/25 09:37

Analysis Method/SOP: T-001

Date/Time Analyzed: 03/20/25 22:00

| Monoterpenes          | %             | mg/g          | Monoterpenes        | %      | mg/g  |
|-----------------------|---------------|---------------|---------------------|--------|-------|
| 3-Carene              | < LOQ         | < LOQ         | alpha-Cedrene       | < LOQ  | < LOQ |
| alpha-Pinene          | 0.2492        | 2.492         | alpha-Terpinene     | < LOQ  | < LOQ |
| beta-Myrcene          | 1.9088        | 19.088        | beta-Pinene         | 0.1965 | 1.965 |
| Borneol               | < LOQ         | < LOQ         | Camphene            | < LOQ  | < LOQ |
| Camphor               | < LOQ         | < LOQ         | Farnesol isomer I   | < LOQ  | < LOQ |
| Endo-fenchyl alcohol  | 0.1118        | 1.118         | Eucalyptol          | < LOQ  | < LOQ |
| Fenchone              | < LOQ         | < LOQ         | gamma-Terpinene     | < LOQ  | < LOQ |
| Geranyl acetate       | < LOQ         | < LOQ         | Hexahydrothymol     | < LOQ  | < LOQ |
| Isoborneol            | < LOQ         | < LOQ         | Isopulegol          | < LOQ  | < LOQ |
| Limonene              | 1.0060        | 10.06         | Linalool            | 0.1457 | 1.457 |
| Nerol                 | < LOQ         | < LOQ         | Ocimene             | 0.1395 | 1.395 |
| Ocimene isomer I      | < LOQ         | < LOQ         | Ocimene isomer II   | 0.2790 | 2.79  |
| p-Mentha-1,5-diene    | < LOQ         | < LOQ         | Pulegone            | < LOQ  | < LOQ |
| Sabinene              | < LOQ         | < LOQ         | Sabinene hydrate    | < LOQ  | < LOQ |
| Terpineol             | 0.0555        | 0.555         | Terpinolene         | 0.0580 | 0.58  |
| Sesquiterpenes        | %             | mg/g          | Sesquiterpenes      | %      | mg/g  |
| alpha-Bisabolol       | 0.1413        | 1.413         | alpha-Humulene      | 0.6584 | 6.584 |
| beta-Caryophyllene    | 1.4025        | 14.025        | Caryophyllene Oxide | 0.0441 | 0.441 |
| cis-Nerolidol         | 0.1035        | 1.035         | Guaiol              | 0.1424 | 1.424 |
| trans-Nerolidol       | 0.0694        | 0.694         | Valencene           | < LOQ  | < LOQ |
| <b>Total Terpenes</b> | <b>6.5954</b> | <b>65.954</b> |                     |        |       |

<LOQ - Results below the Limit of Quantitation

Taylor Pearce  
CA Lab Director - 3/22/2025



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### Raspberry Kush Cake Live Resin

Test RFID:

Source RFID: na

Lab Sample ID: S5C0216-03

Source Batch ID: na

Matrix: Inhalable Concentrate - weight

Batch Size: na

Date Sampled: 03/18/25

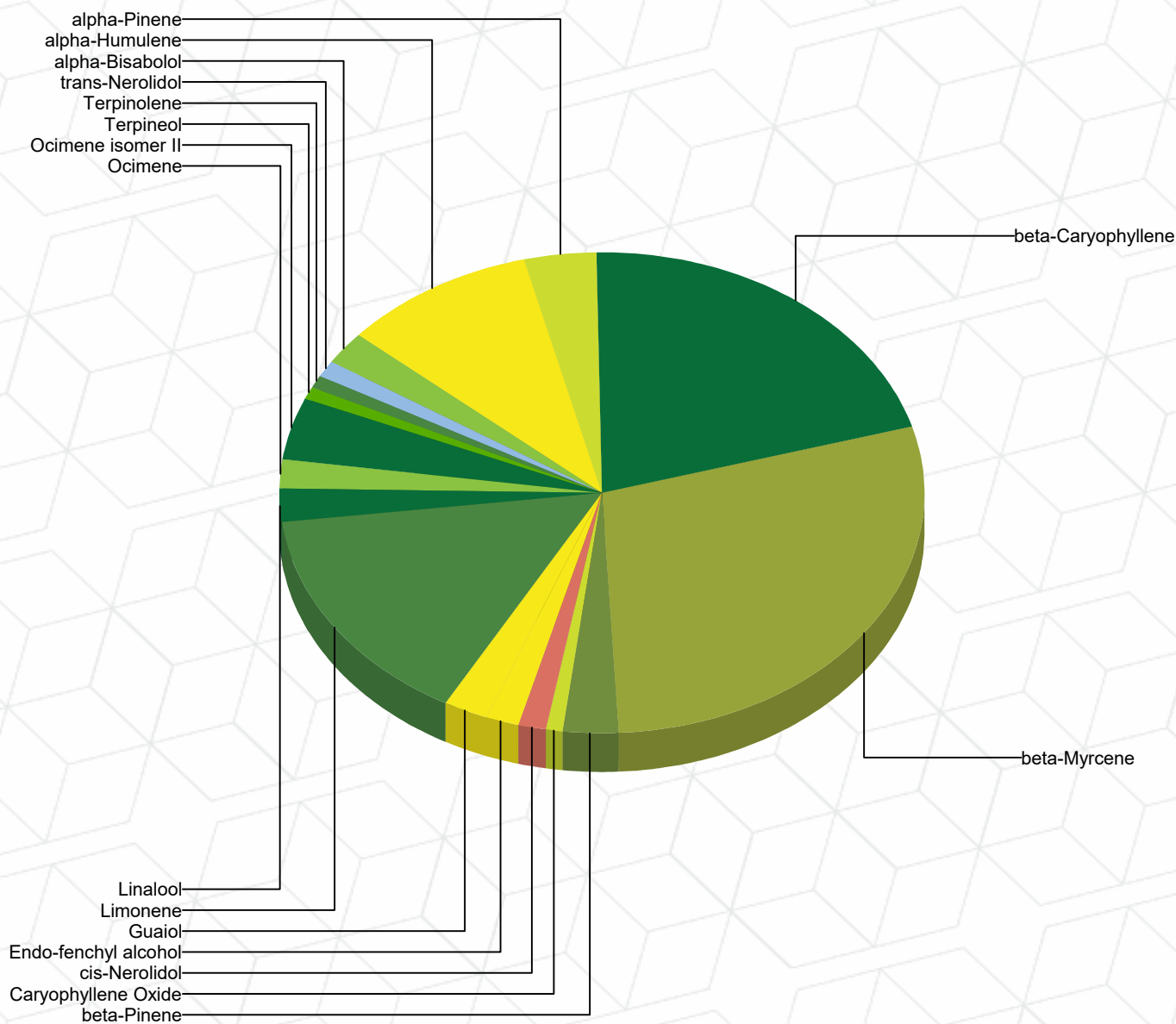
Date Received: 03/19/25

Harvest/Processing Date: 2/13/25

Sample Size: 1 unit

Product Density: na

## Terpene Profile



### Percentage of Total Terpenes Identified

Taylor Pearce  
CA Lab Director - 3/22/2025



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### Raspberry Kush Cake Live Resin CBD

Test RFID:

Source RFID: na

Lab Sample ID: S5B0272-03

Source Batch ID: na

Matrix: Inhalable Concentrate - weight

Batch Size: na

Sample Size: 1 unit

Date Sampled: 02/24/25

Date Received: 02/25/25

Harvest/Processing Date: 2/4/25

Product Density: na

### Potency Analysis by HPLC

Date/Time Extracted: 02/25/25 09:20

Analysis Method/SOP: C-001

Date/Time Analyzed: 02/27/25 00:55

| Cannabinoids        | LOD<br>mg/g | LOQ<br>mg/g | %     | mg/g  |
|---------------------|-------------|-------------|-------|-------|
| Total THC           | 0.41        | 0.42        | 4.237 | 42.37 |
| Total CBD           | 0.41        | 0.42        | 64.05 | 640.5 |
| THCA                | 0.41        | 0.42        | 4.831 | 48.31 |
| delta 9-THC         | 0.41        | 0.42        | ND    | ND    |
| THCV                | 0.41        | 0.42        | ND    | ND    |
| THCVA               | 0.41        | 0.42        | ND    | ND    |
| CBD                 | 0.41        | 0.42        | ND    | ND    |
| CBDA                | 0.41        | 0.42        | 73.03 | 730.3 |
| CBDV                | 0.41        | 0.42        | ND    | ND    |
| CBDVA               | 0.41        | 0.42        | 1.427 | 14.27 |
| CBN                 | 0.41        | 0.42        | ND    | ND    |
| CBG                 | 0.41        | 0.42        | ND    | ND    |
| CBGA                | 0.41        | 0.42        | 1.662 | 16.62 |
| CBC                 | 0.41        | 0.42        | ND    | ND    |
| Total Cannabinoids  | 0.41        | 0.42        | 70.99 | 709.9 |
| Sum of Cannabinoids | 0.41        | 0.42        | 80.95 | 809.5 |

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

Total CBD = CBD + (CBDA \* 0.877)

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### Raspberry Kush Cake Live Resin CBD

Test RFID:

Source RFID: na

Lab Sample ID: S5B0272-05

Source Batch ID: 021325

Matrix: Inhalable Concentrate - weight

Batch Size: na

Sample Size: 1 unit

Date Sampled: 02/24/25

Date Received: 02/25/25

Harvest/Processing Date: 2/13/25

Product Density: na

## Pesticide Analysis by GCMS/LCMS

Date/Time Extracted: 02/26/25 12:54

Date/Time GC Analyzed: 02/27/25 11:51

Analysis Method/SOP: RP-001

Date/Time LC Analyzed: 02/27/25 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  | Acetamidrid        | 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  |
| Chlorantranilprole      | 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 - 2/27/2025



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### Raspberry Kush Cake Live Resin CBD

Test RFID:

Source RFID: na

Lab Sample ID: S5B0272-05

Source Batch ID: 021325

Matrix: Inhalable Concentrate - weight

Batch Size: na

Sample Size: 1 unit

Date Sampled: 02/24/25

Date Received: 02/25/25

Harvest/Processing Date: 2/13/25

Product Density: na

### Residual Solvent Analysis by GCMS-HS

Date/Time Extracted: 02/25/25 08:56

Analysis Method/SOP: RS-001

Date/Time Analyzed: 02/26/25 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  |

ND - Compound not detected

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CA Lab Director - 2/27/2025



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### Raspberry Kush Cake Live Resin CBD

Test RFID:

Source RFID: na

Lab Sample ID: S5B0272-05

Source Batch ID: 021325

Matrix: Inhalable Concentrate - weight

Batch Size: na

Sample Size: 1 unit

Date Sampled: 02/24/25

Date Received: 02/25/25

Harvest/Processing Date: 2/13/25

Product Density: na

## Metals Analysis by ICPMS

Date/Time Extracted: 02/25/25 09:06

Analysis Method/SOP: HM-001

Date/Time Analyzed: 02/26/25 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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**Raspberry Kush Cake Live Resin CBD**

Test RFID:

Source RFID: na

Lab Sample ID: S5B0272-05

Source Batch ID: 021325

Matrix: Inhalable Concentrate - weight

Batch Size: na

Sample Size: 1 unit

Date Sampled: 02/24/25

Date Received: 02/25/25

Harvest/Processing Date: 2/13/25

Product Density: na

### Mycotoxins by LCMSMS

Date/Time Extracted: 02/26/25 12:54

Analysis Method/SOP: RP-001

Date/Time Analyzed: 02/27/25 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: 02/25/25 09:02

Analysis Method/SOP: MI-301

Date/Time Analyzed: 02/27/25 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: 02/25/25 08:53

Analysis Method/SOP: FM-001

Date/Time Analyzed: 02/26/25 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

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

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