



**Pesticide Residue Screen** ✔ Pass

02/27/2026

**Method:** MF-CHEM-13

**Instrument:** Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)

| Analyte                 | LOD/LOQ (µg/g) | Findings (µg/g) | Limit (µg/g) | Status |
|-------------------------|----------------|-----------------|--------------|--------|
| Abamectin               | 0.04/0.10      | ND              | 0.3          | Pass   |
| Acephate                | 0.02/0.06      | ND              | 5.0          | Pass   |
| Acequinocyl             | 0.04/0.10      | ND              | 4.0          | Pass   |
| Acetamiprid             | 0.017/0.05     | ND              | 5.0          | Pass   |
| Aldicarb                | 0.02/0.06      | ND              | 0.02         | Pass   |
| Azoxystrobin            | 0.02/0.06      | ND              | 40.0         | Pass   |
| Bifenazate              | 0.02/0.06      | ND              | 5.0          | Pass   |
| Bifenthrin              | 0.04/0.10      | ND              | 0.5          | Pass   |
| Boscalid                | 0.02/0.06      | ND              | 10.0         | Pass   |
| Captan                  | 0.2/0.6        | ND              | 5.0          | Pass   |
| Carbaryl                | 0.02/0.06      | ND              | 0.5          | Pass   |
| Carbofuran              | 0.017/0.05     | ND              | 0.017        | Pass   |
| Chlorantraniliprole     | 0.02/0.06      | ND              | 40.0         | Pass   |
| Chlordane               | 0.02/0.06      | ND              | 0.02         | Pass   |
| Chlorfenapyr            | 0.02/0.06      | ND              | 0.02         | Pass   |
| Chlorpyrifos            | 0.02/0.06      | ND              | 0.02         | Pass   |
| Clofentezine            | 0.02/0.06      | ND              | 0.5          | Pass   |
| Coumaphos               | 0.02/0.06      | ND              | 0.02         | Pass   |
| Cyfluthrin              | 0.10/0.30      | ND              | 1.0          | Pass   |
| Cypermethrin            | 0.10/0.30      | ND              | 1.0          | Pass   |
| Daminozide              | 0.017/0.05     | ND              | 0.017        | Pass   |
| DDVP (Dichlorvos)       | 0.013/0.04     | ND              | 0.013        | Pass   |
| Diazinon                | 0.017/0.05     | ND              | 0.2          | Pass   |
| Dimethoate              | 0.017/0.05     | ND              | 0.017        | Pass   |
| Dimethomorph            | 0.017/0.05     | ND              | 20.0         | Pass   |
| Ethoprop(hos)           | 0.02/0.06      | ND              | 0.02         | Pass   |
| Etofenprox              | 0.02/0.06      | ND              | 0.02         | Pass   |
| Etoxazole               | 0.02/0.06      | ND              | 1.5          | Pass   |
| Fenhexamid              | 0.017/0.05     | ND              | 10.0         | Pass   |
| Fenoxycarb              | 0.02/0.06      | ND              | 0.02         | Pass   |
| Fenpyroximate           | 0.02/0.06      | ND              | 2.0          | Pass   |
| Fipronil                | 0.02/0.06      | ND              | 0.02         | Pass   |
| Flonicamid              | 0.02/0.06      | ND              | 2.0          | Pass   |
| Fludioxonil             | 0.02/0.06      | ND              | 30.0         | Pass   |
| Hexythiazox             | 0.02/0.06      | ND              | 2.0          | Pass   |
| Imazalil                | 0.02/0.06      | ND              | 0.02         | Pass   |
| Imidacloprid            | 0.02/0.06      | ND              | 3.0          | Pass   |
| Kresoxim Methyl         | 0.02/0.06      | ND              | 1.0          | Pass   |
| Malathion               | 0.017/0.05     | ND              | 5.0          | Pass   |
| Metalaxyl               | 0.017/0.05     | ND              | 15.0         | Pass   |
| Methiocarb              | 0.02/0.06      | ND              | 0.02         | Pass   |
| Methomyl                | 0.013/0.04     | ND              | 0.1          | Pass   |
| Methyl parathion        | 0.02/0.06      | ND              | 0.02         | Pass   |
| Mevinphos               | 0.02/0.06      | ND              | 0.02         | Pass   |
| Myclobutanil            | 0.02/0.06      | ND              | 9.0          | Pass   |
| Naled                   | 0.017/0.05     | ND              | 0.5          | Pass   |
| Oxamyl                  | 0.013/0.04     | ND              | 0.2          | Pass   |
| Paclobutrazol           | 0.02/0.06      | ND              | 0.02         | Pass   |
| Pentachloronitrobenzene | 0.017/0.05     | ND              | 0.2          | Pass   |
| Permethrins             | 0.10/0.30      | ND              | 20.0         | Pass   |
| Phosmet                 | 0.02/0.06      | ND              | 0.2          | Pass   |
| Piperonyl Butoxide      | 0.02/0.06      | ND              | 8.0          | Pass   |
| Prallethrin             | 0.04/0.10      | ND              | 0.4          | Pass   |
| Propiconazole           | 0.02/0.06      | ND              | 20.0         | Pass   |
| Propoxur                | 0.013/0.04     | ND              | 0.013        | Pass   |
| Pyrethrins              | 0.15/0.50      | ND              | 1.0          | Pass   |
| Pyridaben               | 0.017/0.05     | ND              | 3.0          | Pass   |
| Spinetoram              | 0.02/0.06      | ND              | 3.0          | Pass   |
| Spinosad                | 0.02/0.06      | ND              | 3.0          | Pass   |
| Spiromesifen            | 0.04/0.10      | ND              | 12.0         | Pass   |
| Spirotetramat           | 0.02/0.06      | ND              | 13.0         | Pass   |
| Spiroxamine             | 0.017/0.05     | ND              | 0.017        | Pass   |
| Tebuconazole            | 0.02/0.06      | ND              | 2.0          | Pass   |
| Thiacloprid             | 0.013/0.04     | ND              | 0.013        | Pass   |
| Thiamethoxam            | 0.02/0.06      | ND              | 4.5          | Pass   |

| Analyte         | LOD/LOQ (µg/g) | Findings (µg/g) | Limit (µg/g) | Status |
|-----------------|----------------|-----------------|--------------|--------|
| Trifloxystrobin | 0.02/0.06      | ND              | 30.0         | Pass   |

## Residual Solvent Screen ✔ Pass

02/27/2026

Method: MF-CHEM-32

Instrument: Gas Chromatography Mass Spectrometry (GC/MS)

| Analyte                              | LOD/LOQ (µg/g) | Findings (µg/g) | Limit (µg/g) | Status |
|--------------------------------------|----------------|-----------------|--------------|--------|
| 1,2-Dichloroethane                   | 0.5/0.5        | ND              | 1            | Pass   |
| Acetone                              | 57/200         | ND              | 5000         | Pass   |
| Acetonitrile                         | 56/200         | ND              | 410          | Pass   |
| Benzene                              | 0.5/0.5        | ND              | 1            | Pass   |
| n-Butane                             | 45/200         | ND              | 5000         | Pass   |
| Chloroform                           | 0.5/0.5        | ND              | 1            | Pass   |
| Ethanol                              | 37/200         | ND              | 5000         | Pass   |
| Ethyl acetate                        | 38/200         | ND              | 5000         | Pass   |
| Ethyl ether                          | 37/200         | ND              | 5000         | Pass   |
| Ethylene oxide                       | 0.1/0.5        | ND              | 1            | Pass   |
| n-Heptane                            | 135/200        | ND              | 5000         | Pass   |
| n-Hexane                             | 49/200         | ND              | 290          | Pass   |
| Isopropyl alcohol                    | 57/200         | ND              | 5000         | Pass   |
| Methanol                             | 37/200         | ND              | 3000         | Pass   |
| Methylene chloride                   | 0.1/0.5        | ND              | 1            | Pass   |
| n-Pentane                            | 37/200         | ND              | 5000         | Pass   |
| Propane                              | 72/200         | ND              | 5000         | Pass   |
| Toluene                              | 49/200         | ND              | 890          | Pass   |
| Total xylenes (ortho-, meta-, para-) | 58/200         | ND              | 2170         | Pass   |
| Trichloroethylene                    | 0.5/0.5        | ND              | 1            | Pass   |

## Heavy Metal Screen ✔ Pass

02/27/2026

Method: MF-CHEM-16

Instrument: Inductively Coupled Plasma Mass Spectrometry (ICP-MS)

| Analyte | LOD/LOQ (µg/g) | Findings (µg/g) | Limit (µg/g) | Status |
|---------|----------------|-----------------|--------------|--------|
| Arsenic | 0.033/0.101    | ND              | 1.5          | Pass   |
| Cadmium | 0.047/0.141    | ND              | 0.5          | Pass   |
| Mercury | 0.014/0.05     | ND              | 3            | Pass   |
| Lead    | 0.107/0.324    | <LOQ            | 0.5          | Pass   |

## Foreign Material ✔ Pass

02/27/2026

Method: MF-CHEM-7

| Analyte                        | Findings | Limit    | Status |
|--------------------------------|----------|----------|--------|
| Sand, Soils, Cinders, and Dirt | ND       | 25%      | Pass   |
| Mold                           | ND       | 25%      | Pass   |
| Imbedded Foreign Material      | ND       | 25%      | Pass   |
| Insect Fragment                | ND       | 1 per 3g | Pass   |
| Hair                           | ND       | 1 per 3g | Pass   |
| Mammalian Excreta              | ND       | 1 per 3g | Pass   |

## Mycotoxin Screen ✔ Pass

02/27/2026

Method: MF-CHEM-13

Instrument: Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)

| Analyte          | LOD/LOQ (µg/kg) | Findings (µg/kg) | Limit (µg/kg) | Status |
|------------------|-----------------|------------------|---------------|--------|
| Aflatoxin B1     | 2/5             | ND               | -             | -      |
| Aflatoxin B2     | 2/5             | ND               | -             | -      |
| Aflatoxin G1     | 2/5             | ND               | -             | -      |
| Aflatoxin G2     | 2/5             | ND               | -             | -      |
| Total Aflatoxins | 8/20            | ND               | 20            | Pass   |
| Ochratoxin A     | 6/18            | ND               | 20            | Pass   |

## Water Activity ✔ Pass

02/27/2026

Method: MF-CHEM-14

Instrument: Water Activity Meter

| Analyte        | Findings (%) | Limit (%) | Status |
|----------------|--------------|-----------|--------|
| Water Activity | 0.42         | 0.85      | Pass   |

ND = None Detected  
LOD = Limit of Detection  
LOQ = Limit of Quantitation

All LQC samples were performed and met the acceptance criteria in CCR Title 4 Division 19, Chapter 6, Article 7, §15730, pursuant to §15726.(e)(13).

Reported by

  


Vu Lam  
Lab Co Director  
February 27, 2026



Scan to verify