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152 Spring St Suite B Macon, GA 31201 License #: PHRS001078

# Certificate of Analysis

**Reported:** May 08, 2025

#### **Overall Status**

**Product Name:** 

Delta 8 Tincture DA-042825-002 Matrix:

Tincture

Sample Size:

1oz

Received:

05/01/2025

Sample ID:

SAM-042825-8585

**Distributor or Microbusiness:** 

Name:

Lava Products USA

**Premises Address:** 

5432 North River Rd. Rogue River, Oregon 97537

License No.:



#### **Potency**

**Date of Analysis:** 

Method: HPLC Cannabinoid and HPLC Impurity

|          | Total THC:             | Total CBD:          | Total CBG:            | Total         |
|----------|------------------------|---------------------|-----------------------|---------------|
| Moisture | %                      | %<br>ND             | <b>%</b>              | Cannabinoids: |
| %<br>ND  | 0.043<br><b>mg/pkg</b> | ND<br><b>mg/pkg</b> | 0.03<br><b>mg/pkg</b> | % mg/pkg      |
| 110      | 12.659                 | ND                  | 9.021                 | 3.87 1125.620 |

| Analyte  | LOQ (%) | Results (%) | Results (mg/g) | Results (mg/<br>mL) | Results (mg/<br>srv) | Results (mg/<br>pkg) |
|----------|---------|-------------|----------------|---------------------|----------------------|----------------------|
| CBD      | 0.01    | ND          | ND             | ND                  | ND                   | ND                   |
| CBDV     | 0.01    | 0.02        | 0.17           | 0.17                | 0.17                 | 5.06                 |
| CBDVA*   | 0.01    | ND          | ND             | ND                  | ND                   | ND                   |
| CBDA     | 0.01    | ND          | ND             | ND                  | ND                   | ND                   |
| CBC      | 0.01    | ND          | ND             | ND                  | ND                   | ND                   |
| CBCA     | 0.01    | ND          | ND             | ND                  | ND                   | ND                   |
| CBG      | 0.01    | 0.03        | 0.31           | 0.30                | 0.30                 | 9.02                 |
| CBGA     | 0.01    | ND          | ND             | ND                  | ND                   | ND                   |
| CBN      | 0.01    | ND          | ND             | ND                  | ND                   | ND                   |
| Δ9-ΤΗС   | 0.01    | 0.04        | 0.43           | 0.42                | 0.42                 | 12.66                |
| Δ8-ΤΗС   | 0.01    | 3.68        | 36.80          | 35.70               | 35.70                | 1070.94              |
| THCA     | 0.01    | ND          | ND             | ND                  | ND                   | ND                   |
| THCV     | 0.01    | ND          | ND             | ND                  | ND                   | ND                   |
| THCVA*   | 0.01    | ND          | ND             | ND                  | ND                   | ND                   |
| THCp*    | 0.01    | ND          | ND             | ND                  | ND                   | ND                   |
| Δ10s-THC | 0.01    | ND          | ND             | ND                  | ND                   | ND                   |
| Δ10r-THC | 0.01    | ND          | ND             | ND                  | ND                   | ND                   |
| CBNA     | 0.01    | ND          | ND             | ND                  | ND                   | ND                   |
| Exo-THC  | 0.01    | 0.02        | 0.25           | 0.24                | 0.24                 | 7.16                 |
| HHC-s    | 0.01    | 80.0        | 0.79           | 0.76                | 0.76                 | 22.87                |
| HHC-r    | 0.01    | ND          | ND             | ND                  | ND                   | ND                   |

|           | Regu    | latory | Compl      | iance   | Testing   |  |
|-----------|---------|--------|------------|---------|-----------|--|
| ts (mg/g) | Results | (mg/ R | tesults (m | g/ Resu | ults (mg/ |  |

| Ana | alyte | LOQ (%) | Results (%) | Results (mg/g) | Results (mg/<br>mL) | Results (mg/<br>srv) | Results (mg/<br>pkg)Page 2 of 5 |
|-----|-------|---------|-------------|----------------|---------------------|----------------------|---------------------------------|
| TH  | C-O   | 0.01    | ND          | ND             | ND                  | ND                   | ND                              |

Method: GC/MS headspace

#### **Residual Solvents**

**Date of Analysis:** 

| Analyte               | LOQ (ppb) | Results (ppb) | Limit (ppb) | Status |
|-----------------------|-----------|---------------|-------------|--------|
| Carbon-Tetrachloride  | 200.00    | ND            | 5000000.00  | Pass   |
| Methanol              | 9620.00   | ND            | 800000.00   | Pass   |
| Pentane               | 640.00    | ND            | 5000000.00  | Pass   |
| Ethanol               | 2280.00   | ND            | 5000000.00  | Pass   |
| Acetone               | 2210.00   | ND            | 800000.00   | Pass   |
| Isopropanol*          | 2010.00   | ND            | 5000000.00  | Pass   |
| Acetonitrile          | 4560.00   | ND            | 410000.00   | Pass   |
| n-Hexane              | 2680.00   | ND            | 100000.00   | Pass   |
| Chloroform*           | 100.00    | ND            | 1000.00     | Pass   |
| Benzene               | 90.00     | ND            | 1000.00     | Pass   |
| Heptane               | 100.00    | ND            | 500000.00   | Pass   |
| TetrahydrofuranP*     | 100.00    | ND            | 1000.00     | Pass   |
| Toluene               | 100.00    | ND            | 1000.00     | Pass   |
| Xylene (meta-, para-) | 360.00    | ND            | 1000.00     | Pass   |
| Xylene (ortho-)       | 240.00    | ND            | 1000.00     | Pass   |
| Butane                | 0.00      | ND            | 800000.00   | Pass   |

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**Date of Analysis:** Method: LC/MS/MS

| Aldicarb         100.00         ND         100.00         Pass           Carbofuran         100.00         ND         100.00         Pass           Chlordrane         100.00         ND         100.00         Pass           Chloreapyer         100.00         ND         100.00         Pass           Chloraptraciliprole         100.00         ND         100.00         Pass           Comaphos         100.00         ND         100.00         Pass           Duminozide         100.00         ND         100.00         Pass           Diwell Caller         100.00         ND         100.00         Pass           Dimeticate         100.00         ND         100.00         Pass           Eluforiprox         100.00         ND         100.00   | Analyte              | LOQ (ppb) | Results (ppb) | Limit (ppb) | Status |
|--|----------------------|-----------|---------------|-------------|--------|
| Curboturan         100.00         ND         100.00         Pass           Chlordano         100.00         ND         100.00         Pass           Chlorantramiliprole         100.00         ND         100.00         Pass           Chlorapryrifos         100.00         ND         100.00         Pass           Chloryprifos         100.00         ND         100.00         Pass           Damiozide         100.00         ND         100.00         Pass           Dimordade         100.00         ND         100.00         Pass           Elhogrophos         100.00         ND         100.00         Pass           Henoxystrobin         100.00         ND         100.00         Pass           Propoxyrr         100.00         ND         100.00  |                      |           |               |             | Pass   |
| Chlordane         100.00         ND         100.00         Pass           Chlordantaringrole         100.00         ND         100.00         Pass           Chlorgyrios         100.00         ND         100.00         Pass           Chlorgyrios         100.00         ND         100.00         Pass           Courapho         100.00         ND         100.00         Pass           DVP         100.00         ND         100.00         Pass           Ethorprophos         100.00         ND         100.00         Pass           Hanzald         100.00         ND         100.00         Pass           Meshibezar         100.00         ND         100.00         Pass           Pacobaltrazol         100.00         ND         100.00         <  | Carbofuran           |           |               | 100.00      |        |
| Chlorefenpy         100,00         ND         100,00         Pass           Chloraprifice         100,00         ND         100,00         Pass           Counaphos         100,00         ND         100,00         Pass           Daminozide         100,00         ND         100,00         Pass           Dimethoate         100,00         ND         100,00         Pass           Pithorprophos         100,00         ND         100,00         Pass           Fehorprophos         100,00         ND         100,00         Pass           Fenosycarb         100,00         ND         100,00         Pass           Fenosycarb         100,00         ND         100,00         Pass           Figronil         100,00         ND         100,00         Pass           Methiccarb         100,00         ND         100,00         Pass           Methiccarb         100,00         ND         100,00         Pass           Methiccarb         100,00         ND         100,00         Pass           Propour         100,00         ND         100,00         Pass           Propour         100,00         ND         100,00         Pass   |                      |           |               |             |        |
| Chlorantramliprole         100.00         ND         100.00         Pass           Chlorysprifos         100.00         ND         100.00         Pass           Commaphos         100.00         ND         100.00         Pass           Daminozide         100.00         ND         100.00         Pass           DDVP         100.00         ND         100.00         Pass           Ethoprophos         100.00         ND         100.00         Pass           Etofenprox         100.00         ND         100.00         Pass           Forenary         100.00         ND         100.00         Pass           Figronal         100.00         ND         100.00         Pass           Methicach         100.00         ND         100.00         Pass           Pacconstricted         100.00         ND         100.00         Pass   |                      |           |               |             |        |
| Chiorpyrifos         100.00         ND         100.00         Pass           Courumphos         100.00         ND         100.00         Pass           Daminozade         100.00         ND         100.00         Pass           DDVP         100.00         ND         100.00         Pass           Fthorpyrox         100.00         ND         100.00         Pass           Fthorapyrox         100.00         ND         100.00         Pass           Fenoxycarb         100.00         ND         100.00         Pass           Imazaill         100.00         ND         100.00         Pass   |                      |           |               |             |        |
| Coumaphos         100.00         ND         100.00         Pass           Damicozide         100.00         ND         100.00         Pass           DIMPY         100.00         ND         100.00         Pass           Ethoprophos         100.00         ND         100.00         Pass           Ethoprophos         100.00         ND         100.00         Pass           Fenoxycarb         100.00         ND         100.00         Pass           Fenoxycarb         100.00         ND         100.00         Pass           Imazalil         100.00         ND         100.00         Pass           Imazalil         100.00         ND         100.00         Pass           Mevinphos         100.00         ND         100.00         Pass           Mevinphos         100.00         ND         100.00         Pass           Peropoxar         100.00         ND         100.00         Pass           Peropoxar         100.00         ND         100.00         Pass           Peropoxar         100.00         ND         100.00         Pass           Abamectin         100.00         ND         100.00         Pass   | -                    |           |               |             |        |
| Duminozide         100.00         ND         100.00         Pass           DDVP         100.00         ND         100.00         Pass           Elhogrophos         100.00         ND         100.00         Pass           Elhogrophos         100.00         ND         100.00         Pass           Elofenprox         100.00         ND         100.00         Pass           Fenoxycarb         100.00         ND         100.00         Pass           Feproxil         100.00         ND         100.00         Pass           Imazalil         100.00         ND         100.00         Pass           Methiocarb         100.00         ND         100.00         Pass           Mechiphos         100.00         ND         100.00         Pass           Paclobutrazol         100.00         ND         100.00         Pass           Paracibutrazol         100.00         ND         100.00         Pass           Pacporar         100.00         ND         100.00         Pass           Paracibutrazol         100.00         ND         100.00         Pass           Acepiatori         100.00         ND         100.00         Pass   |                      |           |               |             |        |
| DIVP         100.00         ND         100.00         Pass           Dimethoate         100.00         ND         100.00         Pass           Ethoprophos         100.00         ND         100.00         Pass           Ethoprophos         100.00         ND         100.00         Pass           Fenoxycath         100.00         ND         100.00         Pass           Fenoxycath         100.00         ND         100.00         Pass           Imazall         100.00         ND         100.00         Pass           Methicarb         100.00         ND         100.00         Pass           Mevimphos         100.00         ND         100.00         Pass           Peaclobutracol         100.00         ND         100.00         Pass           Propoxur         100.00         ND         100.00         Pass           Propoxur         100.00         ND         100.00         Pass           Abenectin         100.00         ND         100.00         Pass           Accquinceyl         100.00         ND         100.00         Pass           Accquinceyl         100.00         ND         100.00         Pass <td></td> <td></td> <td></td> <td></td> <td></td>   |                      |           |               |             |        |
| Dimethose         100.00         ND         100.00         Pass           Ethoprophos         100.00         ND         100.00         Pass           Etofoaprox         100.00         ND         100.00         Pass           Fenoxycard         100.00         ND         100.00         Pass           Eproall         100.00         ND         100.00         Pass           Meximphos         100.00         ND         100.00         Pass           Meximphos         100.00         ND         100.00         Pass           Packoutracol         100.00         ND         100.00         Pass           Propoxur         100.00         ND         100.00         Pass           Thiaclopid         100.00         ND         100.00         Pass           Abametin         100.00         ND         100.00         Pass           Accepinato         100.00         ND         100.00         Pass           Accepinato         100.00         ND         100.00         Pass           Accepinato         100.00         ND         100.00         Pass           Bifeantaria         100.00         ND         100.00         Pass     <   |                      |           |               |             |        |
| Ethoprophos         100.00         ND         100.00         Pass           Etofapprox         100.00         ND         100.00         Pass           Fenoxycarb         100.00         ND         100.00         Pass           Fenoxycarb         100.00         ND         100.00         Pass           Imazalil         100.00         ND         100.00         Pass           Methiocarb         100.00         ND         100.00         Pass           Paclobutravol         100.00         ND         100.00         Pass           Propoxur         100.00         ND         100.00         Pass           Abamectin         100.00         ND         100.00         Pass           Accephate         100.00         ND         100.00         Pass           Bifenazate         100.00         ND         100.00         Pass     <   |                      |           |               |             |        |
| Ebelonprox         100.00         ND         100.00         Pass           Penoxyach         100.00         ND         100.00         Pass           Pinorall         100.00         ND         100.00         Pass           Methiocach         100.00         ND         100.00         Pass           Methiocach         100.00         ND         100.00         Pass           Paclobutracol         100.00         ND         100.00         Pass           Propoxur         100.00         ND         100.00         Pass           Propoxur         100.00         ND         100.00         Pass           Abamectin         100.00         ND         100.00         Pass           Acephate         100.00         ND         100.00         Pass           Acephate         100.00         ND         100.00         Pass           Acephate         100.00         ND         100.00         Pass           Acetamiprid         100.00         ND         100.00         Pass           Bifenazate         100.00         ND         100.00         Pass           Birenazate         100.00         ND         100.00         Pass   |                      |           |               |             |        |
| Fenoxyarab         100.00         ND         100.00         Pass           Fipronil         100.00         ND         100.00         Pass           Imazalil         100.00         ND         100.00         Pass           Mevinphos         100.00         ND         100.00         Pass           Paclobutrazol         100.00         ND         100.00         Pass           Propoxur         100.00         ND         100.00         Pass           Thiacloprid         100.00         ND         100.00         Pass           Abameetin         100.00         ND         100.00         Pass           Abceplate         100.00         ND         100.00         Pass           Acceplated         100.00         ND         100.00         Pass           Accepuinceyl         100.00         ND         100.00         Pass           Azoxystrobin         100.00         ND         100.00         Pass           Bifenazate         100.00         ND         100.00         Pass           Bifenazate         100.00         ND         100.00         Pass           Captan         100.00         ND         100.00         Pass  |                      |           |               |             |        |
| Fignoral         100.00         ND         100.00         Pass           Innazall         100.00         ND         100.00         Pass           Methiocarb         100.00         ND         100.00         Pass           Methiocarb         100.00         ND         100.00         Pass           Paclobutrazol         100.00         ND         100.00         Pass           Propoxur         100.00         ND         100.00         Pass           Thiscloprid         100.00         ND         100.00         Pass           Abamectin         100.00         ND         100.00         Pass           Accephate         100.00         ND         100.00         Pass           Accephate         100.00         ND         100.00         Pass           Acconystrobin         100.00         ND         100.00         Pass           Acconystrobin         100.00         ND         100.00         Pass           Bifenthrin         100.00         ND         100.00         Pass           Bifenthrin         100.00         ND         100.00         Pass           Carbaryl         100.00         ND         100.00         Pass  |                      |           |               |             |        |
| Imazalil         100.00         ND         100.00         Pass           Methicocarb         100.00         ND         100.00         Pass           Mevinphos         100.00         ND         100.00         Pass           Pacadobutazol         100.00         ND         100.00         Pass           Propoxur         100.00         ND         100.00         Pass           Thiaclopid         100.00         ND         100.00         Pass           Abamectin         100.00         ND         100.00         Pass           Acceptate         100.00         ND         100.00         Pass           Acceptationcyl         100.00         ND         100.00         Pass           Acceptation         100.00         ND         100.00         Pass           Accatanyird         100.00         ND         100.00         Pass           Bifenazate         100.00         ND         100.00         Pass           Bisenalid*         100.00         ND         100.00         Pass           Captan         100.00         ND         100.00         Pass           Cypernethrin         100.00         ND         100.00         Pass <td>-</td> <td></td> <td></td> <td></td> <td></td>                                     | -                    |           |               |             |        |
| Methiocarb         100.00         ND         100.00         Pass           Mevinphos         100.00         ND         100.00         Pass           Pacilohtrazol         100.00         ND         100.00         Pass           Propoxur         100.00         ND         100.00         Pass           Thiacloprid         100.00         ND         100.00         Pass           Abometin         100.00         ND         100.00         Pass           Acepalae         100.00         ND         100.00         Pass           Acequinocyl         100.00         ND         100.00         Pass           Acetamiprid         100.00         ND         100.00         Pass           Acctamiprid         100.00         ND         100.00         Pass           Azoxystrobin         100.00         ND         100.00         Pass           Bifenbrin         100.00         ND         100.00         Pass           Bifenbrin         100.00         ND         100.00         Pass           Caplan         100.00         ND         100.00         Pass           Caplan         100.00         ND         100.00         Pass <td></td> <td></td> <td></td> <td></td> <td></td>   |                      |           |               |             |        |
| Mewinphos         100.00         ND         100.00         Pass           Paclobutrazol         100.00         ND         100.00         Pass           Propoxur         100.00         ND         100.00         Pass           Thisoloprid         100.00         ND         100.00         Pass           Abamectin         100.00         ND         100.00         Pass           Accephate         100.00         ND         100.00         Pass           Bifenazate         100.00         ND         100.00         Pass           Bifenbrin         100.00         ND         100.00         Pass           Boscalid*         100.00         ND         100.00         Pass           Captan         100.00         ND         100.00         Pass   |                      |           |               |             |        |
| Paciobutrazol         100.00         ND         100.00         Pass           Propoxur         100.00         ND         100.00         Pass           Thiacloprid         100.00         ND         100.00         Pass           Abamectin         100.00         ND         100.00         Pass           Accephate         100.00         ND         100.00         Pass           Acceptamiprid         100.00         ND         100.00         Pass           Aczystrobin         100.00         ND         100.00         Pass           Bifenazate         100.00         ND         100.00         Pass           Bifenthrin         100.00         ND         100.00         Pass           Biscalid*         100.00         ND         100.00         Pass           Caplan         100.00         ND         100.00         Pass           Carbaryl         100.00         ND         100.00         Pass           Cyfluthrin         100.00         ND         100.00         Pass           Cypermethrin         100.00         ND         100.00         Pass           Cypermethrin         100.00         ND         100.00         Pass <td></td> <td></td> <td></td> <td></td> <td></td>                                      |                      |           |               |             |        |
| Propoxur         100.00         ND         100.00         Pass           Thiacloprid         100.00         ND         100.00         Pass           Abamecin         100.00         ND         100.00         Pass           Acephate         100.00         ND         100.00         Pass           Acequinocyl         100.00         ND         100.00         Pass           Acetamiprid         100.00         ND         100.00         Pass           Azoxystrobin         100.00         ND         100.00         Pass           Bifenazate         100.00         ND         100.00         Pass           Bifenthrin         100.00         ND         100.00         Pass           Bifenthrin         100.00         ND         100.00         Pass           Captan         100.00         ND         100.00         Pass           Captan         100.00         ND         100.00         Pass           Chlormequat Chloride         100.00         ND         100.00         Pass           Cyfuthrin         100.00         ND         100.00         Pass           Diazimon         100.00         ND         100.00         Pass   | _                    |           |               |             |        |
| Thiacloprid   100.00   ND   100.00   Pass  |                      |           |               |             |        |
| Abamectin         100.00         ND         100.00         Pass           Acephate         100.00         ND         100.00         Pass           Acequinocyl         100.00         ND         100.00         Pass           Acequinocyl         100.00         ND         100.00         Pass           Acetamiprid         100.00         ND         100.00         Pass           Bifenazate         100.00         ND         100.00         Pass           Bifenazate         100.00         ND         100.00         Pass           Boscalid*         100.00         ND         100.00         Pass           Captan         100.00         ND         100.00         Pass           Carbanyl         100.00         ND         100.00         Pass           Chlormequat Chloride         100.00         ND         100.00         Pass           Cyfluthrin         100.00         ND         100.00         Pass           Cypermethrin         100.00         ND         100.00         Pass           Diazinon         100.00         ND         100.00         Pass           Etoxazole         100.00         ND         100.00         Pass <td>_</td> <td></td> <td></td> <td></td> <td></td>                                    | _                    |           |               |             |        |
| Acephate         100.00         ND         100.00         Pass           Acequinocyl         100.00         ND         100.00         Pass           Acetamiprid         100.00         ND         100.00         Pass           Azoxystrobin         100.00         ND         100.00         Pass           Bifenazate         100.00         ND         100.00         Pass           Bifenthrin         100.00         ND         100.00         Pass           Boscalid*         100.00         ND         100.00         Pass           Captan         100.00         ND         100.00         Pass           Carbaryl         100.00         ND         100.00         Pass           Cyfuthrin         100.00         ND         100.00         Pass           Cyfuthrin         100.00         ND         100.00         Pass           Diazinon         100.00         ND         100.00         Pass           Etoxazole         100.00         ND         100.00         Pass           Etoxazole         100.00         ND         100.00         Pass           Fenpyroximate         100.00         ND         100.00         Pass <td>_</td> <td></td> <td></td> <td></td> <td></td>  | _                    |           |               |             |        |
| Acequinocyl         100.00         ND         100.00         Pass           Acetamiprid         100.00         ND         100.00         Pass           Azoxystrobin         100.00         ND         100.00         Pass           Bifenazate         100.00         ND         100.00         Pass           Bifenthrin         100.00         ND         100.00         Pass           Boscalid*         100.00         ND         100.00         Pass           Captan         100.00         ND         100.00         Pass           Carbaryl         100.00         ND         100.00         Pass           Chlormequat Chloride         100.00         ND         100.00         Pass           Cyfluthrin         100.00         ND         100.00         Pass           Cypermethrin         100.00         ND         100.00         Pass           Diazinon         100.00         ND         100.00         Pass           Dimethomorph         100.00         ND         100.00         Pass           Etexazole         100.00         ND         100.00         Pass           Fenhexamid         100.00         ND         100.00         P  |                      |           |               |             |        |
| Acetamiprid         100.00         ND         100.00         Pass           Azoxystrobin         100.00         ND         100.00         Pass           Bifenazate         100.00         ND         100.00         Pass           Bifenthrin         100.00         ND         100.00         Pass           Boscalid*         100.00         ND         100.00         Pass           Captan         100.00         ND         100.00         Pass           Chormequat Chloride         100.00         ND         100.00         Pass           Chlormequat Chloride         100.00         ND         100.00         Pass           Cyfluthrin         100.00         ND         100.00         Pass           Cypermethrin         100.00         ND         100.00         Pass           Dizazinon         100.00         ND         100.00         Pass           Etoxazole         100.00         ND         100.00         Pass           Fenpyroximate         100.00         ND         100.00         Pass           Fluidoxonil         100.00         ND         100.00         Pass           Fluidoxonil         100.00         ND         100.00  | _                    |           |               |             |        |
| Acoxystrobin         100.00         ND         100.00         Pass           Bifenazate         100.00         ND         100.00         Pass           Bifenthrin         100.00         ND         100.00         Pass           Boscalid*         100.00         ND         100.00         Pass           Captan         100.00         ND         0.00         Pass           Carbaryl         100.00         ND         100.00         Pass           Chlormequat Chloride         100.00         ND         100.00         Pass           Cyfuthrin         100.00         ND         100.00         Pass           Cypermethrin         100.00         ND         100.00         Pass           Cypermethrin         100.00         ND         100.00         Pass           Etoxazole         100.00         ND         100.00         Pass           Etoxazole         100.00         ND         100.00         Pass           Fenpyroximate         100.00         ND         100.00         Pass           Fludiosonil         100.00         ND         100.00         Pass           Fludiosonil         100.00         ND         100.00   |                      |           |               |             |        |
| Bifenazate         100,00         ND         100,00         Pass           Bifenthrin         100,00         ND         100,00         Pass           Boscalid*         100,00         ND         100,00         Pass           Captan         100,00         ND         0.00         Pass           Carbaryl         100,00         ND         100,00         Pass           Chlormequat Chloride         100,00         ND         100,00         Pass           Cyfluthrin         100,00         ND         100,00         Pass           Cypermethrin         100,00         ND         100,00         Pass           Dinazinon         100,00         ND         100,00         Pass           Etoxazole         100,00         ND         100,00         Pass           Etoxazole         100,00         ND         100,00         Pass           Fenphexamid         100,00         ND         100,00         Pass           Fludioxoril         100,00         ND         100,00         Pass           Fludioxoril         100,00         ND         100,00         Pass           Hexythiazox         100,00         ND         100,00         Pass<  |                      |           | ND            |             | Pass   |
| Bifenthrin         100.00         ND         100.00         Pass           Boscalid*         100.00         ND         100.00         Pass           Captan         1000.00         ND         0.00         Pass           Carbaryl         100.00         ND         100.00         Pass           Chlormequat Chloride         100.00         ND         100.00         Pass           Cyfluthrin         100.00         ND         100.00         Pass           Cypermethrin         100.00         ND         100.00         Pass           Diazinon         100.00         ND         100.00         Pass           Dimethomorph         100.00         ND         100.00         Pass           Etoxazole         100.00         ND         100.00         Pass           Fenhexamid         100.00         ND         100.00         Pass           Fludiosanid         100.00         ND         100.00         Pass           Fludiosoril         100.00         ND         100.00         Pass           Hexythiazox         100.00         ND         100.00         Pass           Kresoxim Methyl         100.00         ND         100.00 <t< td=""><td></td><td></td><td></td><td>100.00</td><td>Pass</td></t<>                    |                      |           |               | 100.00      | Pass   |
| Boscalid*         100.00         ND         100.00         Pass           Captan         1000.00         ND         0.00         Pass           Carbaryl         100.00         ND         100.00         Pass           Chlormequat Chloride         100.00         ND         100.00         Pass           Cyfluthrin         100.00         ND         100.00         Pass           Cypermethrin         100.00         ND         100.00         Pass           Diazinon         100.00         ND         100.00         Pass           Dimethomorph         100.00         ND         100.00         Pass           Etoxazole         100.00         ND         100.00         Pass           Fenhexamid         100.00         ND         100.00         Pass           Fenpyroximate         100.00         ND         100.00         Pass           Fludioxonil         100.00         ND         100.00         Pass           Fludioxonil         100.00         ND         100.00         Pass           Hexythiazox         100.00         ND         100.00         Pass           Midalathion         100.00         ND         100.00 <td< td=""><td>Bifenazate</td><td>100.00</td><td>ND</td><td>100.00</td><td>Pass</td></td<> | Bifenazate           | 100.00    | ND            | 100.00      | Pass   |
| Captan         1000.00         ND         0.00         Pass           Carbaryl         100.00         ND         100.00         Pass           Chlormequat Chloride         100.00         ND         100.00         Pass           Cyfluthrin         100.00         ND         100.00         Pass           Cypermethrin         100.00         ND         100.00         Pass           Diazinon         100.00         ND         100.00         Pass           Dimethomorph         100.00         ND         100.00         Pass           Etoxazole         100.00         ND         100.00         Pass           Fenhexamid         100.00         ND         100.00         Pass           Fenpyroximate         100.00         ND         100.00         Pass           Fludioxonil         100.00         ND         100.00         Pass           Fluoxastrobin         100.00         ND         100.00         Pass           Hexythiazox         100.00         ND         100.00         Pass           Kresoxim Methyl         100.00         ND         100.00         Pass           Metalaxyl         100.00         ND         100.00  | Bifenthrin           | 100.00    | ND            | 100.00      | Pass   |
| Carbaryl         100.00         ND         100.00         Pass           Chlormequat Chloride         100.00         ND         100.00         Pass           Cyfluthrin         100.00         ND         100.00         Pass           Cypermethrin         100.00         ND         100.00         Pass           Diazinon         100.00         ND         100.00         Pass           Dimethomorph         100.00         ND         100.00         Pass           Etoxazole         100.00         ND         100.00         Pass           Fenhexamid         100.00         ND         100.00         Pass           Flonicamid         100.00         ND         100.00         Pass           Fludioxonil         100.00         ND         100.00         Pass           Hexythiazox         100.00         ND         100.00         Pass           Metacloprid         100.00         ND         100.00         Pass           Kresoxim Methyl         100.00         ND         100.00         Pass           Metalaxyl         100.00         ND         100.00         Pass           Metholyl Parathion         100.00         ND         100.00 <td>Boscalid*</td> <td>100.00</td> <td>ND</td> <td>100.00</td> <td>Pass</td> | Boscalid*            | 100.00    | ND            | 100.00      | Pass   |
| Chlormequat Chloride         100.00         ND         100.00         Pass           Cyfluthrin         100.00         ND         100.00         Pass           Cypermethrin         100.00         ND         100.00         Pass           Diazinon         100.00         ND         100.00         Pass           Dimethomorph         100.00         ND         100.00         Pass           Etoxazole         100.00         ND         100.00         Pass           Fenhexamid         100.00         ND         100.00         Pass           Flonicamid         100.00         ND         100.00         Pass           Fludioxonil         100.00         ND         100.00         Pass           Hexythiazox         100.00         ND         100.00         Pass           Metalacloprid         100.00         ND         100.00         Pass           Kresoxim Methyl         100.00         ND         100.00         Pass           Metalaxyl         100.00         ND         100.00         Pass           Methomyl         100.00         ND         100.00         Pass           Methyl Parathion         100.00         ND         100.00 <td>Captan</td> <td>1000.00</td> <td>ND</td> <td>0.00</td> <td>Pass</td>     | Captan               | 1000.00   | ND            | 0.00        | Pass   |
| Cyfluthrin         100.00         ND         100.00         Pass           Cypermethrin         100.00         ND         100.00         Pass           Diazinon         100.00         ND         100.00         Pass           Dimethomorph         100.00         ND         100.00         Pass           Etoxazole         100.00         ND         100.00         Pass           Fenhexamid         100.00         ND         100.00         Pass           Flonicamid         100.00         ND         100.00         Pass           Fludioxonil         100.00         ND         100.00         Pass           Fluoxastrobin         100.00         ND         100.00         Pass           Hexythiazox         100.00         ND         100.00         Pass           Imidacloprid         100.00         ND         100.00         Pass           Kresoxim Methyl         100.00         ND         100.00         Pass           Metalaxyl         100.00         ND         100.00         Pass           Methomyl         100.00         ND         100.00         Pass           Methyl Parathion         100.00         ND         100.00  | Carbaryl             | 100.00    | ND            | 100.00      | Pass   |
| Cypermethrin         100.00         ND         100.00         Pass           Diazinon         100.00         ND         100.00         Pass           Dimethomorph         100.00         ND         100.00         Pass           Etoxazole         100.00         ND         100.00         Pass           Fenhexamid         100.00         ND         100.00         Pass           Fenpyroximate         100.00         ND         100.00         Pass           Fluciamid         100.00         ND         100.00         Pass           Fludioxonil         100.00         ND         100.00         Pass           Fluoxastrobin         100.00         ND         100.00         Pass           Hexythiazox         100.00         ND         100.00         Pass           Imidacloprid         100.00         ND         100.00         Pass           Kresoxim Methyl         100.00         ND         100.00         Pass           Metalaxyl         100.00         ND         100.00         Pass           Methomyl         100.00         ND         100.00         Pass           Methyl Parathion         100.00         ND         100.00  | Chlormequat Chloride | 100.00    | ND            | 100.00      | Pass   |
| Diazinon         100.00         ND         100.00         Pass           Dimethomorph         100.00         ND         100.00         Pass           Etoxazole         100.00         ND         100.00         Pass           Fenhexamid         100.00         ND         100.00         Pass           Fenpyroximate         100.00         ND         2000.00         Pass           Flonicamid         100.00         ND         100.00         Pass           Fludioxonil         100.00         ND         100.00         Pass           Fluoxastrobin         100.00         ND         100.00         Pass           Hexythiazox         100.00         ND         100.00         Pass           Midacloprid         100.00         ND         100.00         Pass           Kresoxim Methyl         100.00         ND         100.00         Pass           Metalaxyl         100.00         ND         100.00         Pass           Methomyl         100.00         ND         100.00         Pass           Methyl Parathion         100.00         ND         100.00         Pass   | Cyfluthrin           | 100.00    | ND            | 100.00      | Pass   |
| Dimethomorph         100.00         ND         100.00         Pass           Etoxazole         100.00         ND         100.00         Pass           Fenhexamid         100.00         ND         100.00         Pass           Fenpyroximate         100.00         ND         2000.00         Pass           Flonicamid         100.00         ND         100.00         Pass           Fludioxonil         100.00         ND         100.00         Pass           Fluoxastrobin         100.00         ND         100.00         Pass           Hexythiazox         100.00         ND         100.00         Pass           Imidacloprid         100.00         ND         100.00         Pass           Kresoxim Methyl         100.00         ND         100.00         Pass           Malathion         100.00         ND         100.00         Pass           Methomyl         100.00         ND         100.00         Pass           Methyl Parathion         100.00         ND         100.00         Pass   | Cypermethrin         | 100.00    | ND            | 100.00      | Pass   |
| Etoxazole         100.00         ND         100.00         Pass           Fenhexamid         100.00         ND         100.00         Pass           Fenpyroximate         100.00         ND         2000.00         Pass           Flonicamid         100.00         ND         100.00         Pass           Fludioxonil         100.00         ND         100.00         Pass           Fluoxastrobin         100.00         ND         100.00         Pass           Hexythiazox         100.00         ND         100.00         Pass           Imidacloprid         100.00         ND         100.00         Pass           Kresoxim Methyl         100.00         ND         100.00         Pass           Malathion         100.00         ND         100.00         Pass           Metalaxyl         100.00         ND         100.00         Pass           Methyl Parathion         100.00         ND         100.00         Pass   | Diazinon             | 100.00    | ND            | 100.00      | Pass   |
| Fenhexamid         100.00         ND         100.00         Pass           Fenpyroximate         100.00         ND         2000.00         Pass           Flonicamid         100.00         ND         100.00         Pass           Fludioxonil         100.00         ND         100.00         Pass           Fluoxastrobin         100.00         ND         100.00         Pass           Hexythiazox         100.00         ND         100.00         Pass           Imidacloprid         100.00         ND         100.00         Pass           Kresoxim Methyl         100.00         ND         100.00         Pass           Malathion         100.00         ND         100.00         Pass           Methomyl         100.00         ND         100.00         Pass           Methyl Parathion         100.00         ND         100.00         Pass  | Dimethomorph         | 100.00    | ND            | 100.00      | Pass   |
| Fenpyroximate         100.00         ND         2000.00         Pass           Flonicamid         100.00         ND         100.00         Pass           Fludioxonil         100.00         ND         100.00         Pass           Fluoxastrobin         100.00         ND         100.00         Pass           Hexythiazox         100.00         ND         100.00         Pass           Imidacloprid         100.00         ND         100.00         Pass           Kresoxim Methyl         100.00         ND         100.00         Pass           Malathion         100.00         ND         100.00         Pass           Methalaxyl         100.00         ND         100.00         Pass           Methomyl         100.00         ND         100.00         Pass           Methyl Parathion         100.00         ND         100.00         Pass  | Etoxazole            | 100.00    | ND            | 100.00      | Pass   |
| Flonicamid         100.00         ND         100.00         Pass           Fludioxonil         100.00         ND         100.00         Pass           Fluoxastrobin         100.00         ND         100.00         Pass           Hexythiazox         100.00         ND         100.00         Pass           Imidacloprid         100.00         ND         100.00         Pass           Kresoxim Methyl         100.00         ND         100.00         Pass           Malathion         100.00         ND         100.00         Pass           Metalaxyl         100.00         ND         100.00         Pass           Methomyl         100.00         ND         100.00         Pass           Methyl Parathion         100.00         ND         100.00         Pass  | Fenhexamid           | 100.00    | ND            | 100.00      | Pass   |
| Fludioxonil         100.00         ND         100.00         Pass           Fluoxastrobin         100.00         ND         100.00         Pass           Hexythiazox         100.00         ND         100.00         Pass           Imidacloprid         100.00         ND         100.00         Pass           Kresoxim Methyl         100.00         ND         100.00         Pass           Malathion         100.00         ND         100.00         Pass           Metalaxyl         100.00         ND         100.00         Pass           Methomyl         100.00         ND         100.00         Pass           Methyl Parathion         100.00         ND         100.00         Pass   | Fenpyroximate        | 100.00    | ND            | 2000.00     | Pass   |
| Fluoxastrobin         100.00         ND         100.00         Pass           Hexythiazox         100.00         ND         100.00         Pass           Imidacloprid         100.00         ND         100.00         Pass           Kresoxim Methyl         100.00         ND         100.00         Pass           Malathion         100.00         ND         100.00         Pass           Metalaxyl         100.00         ND         100.00         Pass           Methomyl         100.00         ND         100.00         Pass           Methyl Parathion         100.00         ND         100.00         Pass   | Flonicamid           | 100.00    | ND            | 100.00      | Pass   |
| Hexythiazox         100.00         ND         100.00         Pass           Imidacloprid         100.00         ND         100.00         Pass           Kresoxim Methyl         100.00         ND         100.00         Pass           Malathion         100.00         ND         100.00         Pass           Metalaxyl         100.00         ND         100.00         Pass           Methomyl         100.00         ND         100.00         Pass           Methyl Parathion         100.00         ND         100.00         Pass   | Fludioxonil          | 100.00    | ND            | 100.00      | Pass   |
| Imidacloprid         100.00         ND         100.00         Pass           Kresoxim Methyl         100.00         ND         100.00         Pass           Malathion         100.00         ND         100.00         Pass           Metalaxyl         100.00         ND         100.00         Pass           Methomyl         100.00         ND         100.00         Pass           Methyl Parathion         100.00         ND         100.00         Pass   | Fluoxastrobin        | 100.00    | ND            | 100.00      | Pass   |
| Kresoxim Methyl       100.00       ND       100.00       Pass         Malathion       100.00       ND       100.00       Pass         Metalaxyl       100.00       ND       100.00       Pass         Methomyl       100.00       ND       100.00       Pass         Methyl Parathion       100.00       ND       100.00       Pass  | Hexythiazox          | 100.00    | ND            | 100.00      | Pass   |
| Malathion         100.00         ND         100.00         Pass           Metalaxyl         100.00         ND         100.00         Pass           Methomyl         100.00         ND         100.00         Pass           Methyl Parathion         100.00         ND         100.00         Pass  | Imidacloprid         | 100.00    | ND            | 100.00      | Pass   |
| Malathion         100.00         ND         100.00         Pass           Metalaxyl         100.00         ND         100.00         Pass           Methomyl         100.00         ND         100.00         Pass           Methyl Parathion         100.00         ND         100.00         Pass  | Kresoxim Methyl      | 100.00    | ND            | 100.00      | Pass   |
| Metalaxyl         100.00         ND         100.00         Pass           Methomyl         100.00         ND         100.00         Pass           Methyl Parathion         100.00         ND         100.00         Pass  |                      |           |               |             |        |
| Methomyl         100.00         ND         100.00         Pass           Methyl Parathion         100.00         ND         100.00         Pass  |                      |           |               |             |        |
| Methyl Parathion 100.00 ND 100.00 Pass   | -                    |           |               |             |        |
|  |                      |           |               |             |        |
|  | Myclobutanil         | 100.00    | ND            | 100.00      | Pass   |

Regulatory Compliance Testing

| Analyte                | LOQ (ppb)         | Results (ppb) | Limit (ppb) | Status | D 4 -65     |
|------------------------|-------------------|---------------|-------------|--------|-------------|
| Oxamyl                 | 100.00            | ND            | 100.00      | Pass   | Page 4 of 5 |
| Pentachloronitrobenzer | neP <b>CMB</b> 00 | ND            | 0.00        | Pass   |             |
| Permethrin             | 100.00            | ND            | 100.00      | Pass   |             |
| Phosmet (Imidan)       | 100.00            | ND            | 100.00      | Pass   |             |
| Piperonyl Butoxide     | 100.00            | ND            | 8000.00     | Pass   |             |
| Prallethrin            | 100.00            | ND            | 100.00      | Pass   |             |
| Propiconazole          | 100.00            | ND            | 100.00      | Pass   |             |
| Pyrethrins             | 100.00            | ND            | 1000.00     | Pass   |             |
| Pyridaben              | 100.00            | ND            | 100.00      | Pass   |             |
| Spinetoram             | 100.00            | ND            | 100.00      | Pass   |             |
| Spinosad               | 100.00            | ND            | 3000.00     | Pass   |             |
| spinoxamine            | 100.00            | ND            | 100.00      | Pass   |             |
| Spiromesifen           | 100.00            | ND            | 100.00      | Pass   |             |
| Spirotetramat          | 100.00            | ND            | 100.00      | Pass   |             |
| Tebuconazole           | 100.00            | ND            | 100.00      | Pass   |             |
| Thiamethoxam           | 100.00            | ND            | 100.00      | Pass   |             |
| Trifloxystrobin        | 100.00            | ND            | 100.00      | Pass   |             |

### **Mycotoxins**

**Date of Analysis:** Method: LC/MS/MS

| Analyte          | LOQ (ppb) | Results (ppb) | Limit (ppb) | Status |
|------------------|-----------|---------------|-------------|--------|
| Aflatoxin G1     | 5.00      | ND            | 20.00       | Pass   |
| Aflatoxin G2     | 5.00      | ND            | 20.00       | Pass   |
| Aflatoxin B1     | 5.00      | ND            | 20.00       | Pass   |
| Aflatoxin B2     | 5.00      | ND            | 20.00       | Pass   |
| Total Aflatoxins | 20.00     | ND            | 20.00       | Pass   |
| Ochratoxin A     | 5.00      | ND            | 20.00       | Pass   |

### **Microbial Analysis**

Date of Analysis: Method: DBRC Agar & Petrifilm

| Analyte               | LOQ   | Results | Limit     | Status |
|-----------------------|-------|---------|-----------|--------|
| Aspergillus fumigatus | 10.00 | ND      | 10.00     | Pass   |
| Aspergillus flavus    | 10.00 | ND      | 10.00     | Pass   |
| Aspergillus niger     | 10.00 | ND      | 10.00     | Pass   |
| Aspergillus terreus   | 10.00 | ND      | 10.00     | Pass   |
| Total Coliform        | 10.00 | ND      | 1000.00   | Pass   |
| BTGN                  | 10.00 | ND      | 1000.00   | Pass   |
| STEC                  | 1.00  | ND      | 1.00      | Pass   |
| Salmonella            | 1.00  | ND      | 1.00      | Pass   |
| Total Yeast Mold      | 10.00 | ND      | 10000.00  | Pass   |
| Total Aerobic Count   | 10.00 | ND      | 100000.00 | Pass   |

## **Foreign Materials**

Date of Analysis: Method:

| Analyte           | Results  |
|-------------------|----------|
| Foreign Materials | Negative |

# Regulatory Compliance Testing

Heavy Metals

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**Date of Analysis:** Method: ICP/MS

| Analyte  | LOQ (ppb) | Results (ppb) | Limit (ppb) | Status |
|----------|-----------|---------------|-------------|--------|
| Cadmium  | 10.00     | ND            | 500.00      | Pass   |
| Lead     | 10.00     | ND            | 500.00      | Pass   |
| Arsenic  | 10.00     | ND            | 500.00      | Pass   |
| Mercury  | 10.00     | ND            | 500.00      | Pass   |
| Chromium | 10.00     | 1346.64       | 500000.00   | Pass   |



