Page 1 of 5



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

# Certificate of Analysis

**Reported:** May 09, 2025

#### **Overall Status**

**Product Name:** 

HHC Tincture DA-042825-005 Matrix:

Tincture

Sample Size:

102

Received:

**d:** 05/01/2025

Sample ID:

SAM-042825-8588

**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		%	%	Cannabinoids:
%	ND	ND	ND	% mg/pkg
ND	<b>mg/pkg</b> ND	<b>mg/pkg</b> ND	<b>mg/pkg</b> ND	5.75 1674.410

Analyte	LOQ (%)	Results (%)	Results (mg/g)	Results (mg/ mL)	Results (mg/ srv)	Results (mg/ pkg)
CBD	0.01	ND	ND	ND	ND	ND
CBDV	0.01	ND	ND	ND	ND	ND
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	ND	ND	ND	ND	ND
CBGA	0.01	ND	ND	ND	ND	ND
CBN	0.01	ND	ND	ND	ND	ND
Δ9-ΤΗС	0.01	ND	ND	ND	ND	ND
Δ8-ΤΗС	0.01	ND	ND	ND	ND	ND
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	ND	ND	ND	ND	ND
HHC-s	0.01	1.66	16.61	16.11	16.11	483.32
HHC-r	0.01	4.09	40.93	39.70	39.70	1191.09

	Regulator	y Complia	ance Testing	
sults (mg/g)	Results (mg/	Results (mg/	Results (mg/	

Ana	alyte	LOQ (%)	Results (%)	Results (mg/g)	Results (mg/ mL)	Results (mg/ srv)	Results (mg/ 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	5160678.0	5000000.00	Fail
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

Pesticides Page 3 of 5

**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

Page 5 of 5

**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	21.58	500.00	Pass
Mercury	10.00	ND	500.00	Pass
Chromium	10.00	1719.31	500000.00	Pass



