

Hemp Quality Assurance Testing

CERTIFICATE OF ANALYSIS

DATE ISSUED 05/19/2025

SAMPLE DETAILS

SAMPLE NAME: 4:100 Cherry Blackberry

Infused, Solid Edible

CULTIVATOR / MANUFACTURER

Business Name: License Number:

Address:

SAMPLE DETAIL

Batch Number: 1152542 Sample ID: 250505K020

DISTRIBUTOR / TESTED FOR

Business Name: Seventh House

License Number:

Address:

Date Collected: 05/05/2025 Date Received: 05/05/2025

Batch Size:

Sample Size: 3.0 units Unit Mass: 6 grams per Unit Serving Size: 6 grams per Serving





Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 3.654 mg/unit

Total CBD: 101.436 mg/unit

Sum of Cannabinoids: 105.54 mg/unit

Total Cannabinoids: 105.54 mg/unit

Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step: Total THC = Δ^9 -THC + (THCa (0.877)) Total CBD = CBD + (CBDa (0.877))Sum of Cannabinoids = Δ^9 -THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa + Δ8-THC + CBL + CBN

Total Cannabinoids = $(\Delta^9$ -THC+0.877*THCa) + (CBD+0.877*CBDa) + (CBG+0.877*CBGa) + (THCV+0.877*THCVa) + (CBC+0.877*CBCa) +

 $(CBDV+0.877*CBDVa) + \Delta^{8}-THC + CBL + CBN$

SAFETY ANALYSIS - SUMMARY

 Δ^9 -THC per Unit: \bigcirc PASS

 Δ^9 -THC per Serving: \bigcirc PASS

Pesticides: PASS

Mycotoxins: PASS

Residual Solvents: PASS

Heavy Metals: PASS

Microbiology (PCR): PASS

Microbiology (Plating): ND

For quality assurance purposes. Not a Regulatory Hemp Lab Test Report. These results relate only to the sample included on this report. This report shall not be reproduced, except in full, without written approval of the laboratory.

Sample Certification: California Code of Regulations Title 4 Division 19. Department of Cannabis Control Business and Professions Code. Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

Decision Rule: Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications, FAIL - Results exceed limits/specifications.

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT), $\mu g/g = ppm$, $\mu g/kg = ppb$, too numerous to count >250 cfu/plate (TNTC), colony-forming unit (cfu)

Approved by: Josh Wurzer Title: Chief Compliance Officer Date: 05/19/2025

Amendment to Certificate of Analysis 250505K020-001



DATE ISSUED 05/19/2025





Cannabinoid Analysis

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

Method: QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

TOTAL THC: 3.654 mg/unit

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 101.436 mg/unit

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 105.54 mg/unit

$$\label{eq:total_constraint} \begin{split} & Total \ Cannabinoids \ (Total \ THC) + (Total \ CBD) + (Total \ CBC) + (Total \ CBC) + (Total \ CBDV) + \Delta^8 - THC + CBL + CBN \end{split}$$

TOTAL CBG: ND

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: ND

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 0.204 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 05/14/2025

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004/0.011	±0.6306	16.906	1.6906
Δ ⁹ -THC	0.002/0.014	±0.0334	0.609	0.0609
Δ ⁸ -THC	0.01 / 0.02	±0.002	0.04	0.004
CBDV	0.002/0.012	±0.0014	0.034	0.0034
THCa	0.001 / 0.005	N/A	ND	ND
THCV	0.002/0.012	N/A	ND	ND
THCVa	0.002/0.019	N/A	ND	ND
CBDa	0.001 / 0.026	N/A	ND	ND
CBDVa	0.001 / 0.018	N/A	ND	ND
CBG	0.002 / 0.006	N/A	ND	ND
CBGa	0.002 / 0.007	N/A	ND	ND
CBL	0.003 / 0.010	N/A	ND	ND
CBN	0.001 / 0.007	N/A	ND	ND
СВС	0.003/0.010	N/A	ND	ND
CBCa	0.001 / 0.015	N/A	ND	ND
SUM OF CANNAE	BINOIDS	17.59 mg/g	1.759%	

Unit Mass: 6 grams per Unit / Serving Size: 6 grams per Serving

Δ^9 -THC per Unit	110 per-package limit	3.654 mg/unit PASS	
∆9-THC per Serving		3.654 mg/serving PASS	
Total THC per Unit		3.654 mg/unit	
Total THC per Serving		3.654 mg/serving	
CBD per Unit		101.436 mg/unit	
CBD per Serving		101.436 mg/serving	
Total CBD per Unit		101.436 mg/unit	
Total CBD per Serving		101.436 mg/serving	
Sum of Cannabinoids per Unit		105.54 mg/unit	
Sum of Cannabinoids per Serving		105.54 mg/serving	
Total Cannabinoids per Unit		105.54 mg/unit	
Total Cannabinoids per Serving		105.54 mg/serving	



Hemp Quality Assurance Testing CERTIFICATE OF ANALYSIS

DATE ISSUED 05/19/2025





Pesticide Analysis

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS) or gas chromatography-mass spectrometry (GC-MS). ‡Analytes part of our California Select Panel.

*GC-MS utilized where indicated.

Method: QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS or QSP 1213 - Analysis of Pesticides by GC-MS

PESTICIDE TEST RESULTS - 05/14/2025 PASS

Abamectin 0.032 / 0.097 0.3 N/A ND PASS Acepulate 0.006 / 0.018 5 N/A ND PASS Acequinocyl 0.009 / 0.027 4 N/A ND PASS Acetamiprid 0.016 / 0.049 5 N/A ND PASS Aldicarb 0.030 / 0.092 N/A ND PASS Allethrin 0.030 / 0.092 N/A ND Atrazine 0.006 / 0.019 N/A ND Azadirachtin 0.082 / 0.248 N/A ND Azoxystrobin 0.003 / 0.009 40 N/A ND Benzovindiflupyr 0.003 / 0.009 5 N/A ND PASS Benzovindiflupyr 0.003 / 0.009 5 N/A ND PASS Bifenthrin 0.021 / 0.064 0.5 N/A ND PASS Boscalid 0.003 / 0.009 10 N/A ND PASS Buprofezin¹ 0.004 / 0.013 5 N/A	COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (μg/g)	MEASUREMENT UNCERTAINTY (μg/g)	RESULT (µg/g)	RESULT
Acequinocyl 0.009/0.027 4 N/A ND PASS Acetamiprid 0.016/0.049 5 N/A ND PASS Aldicarb 0.030/0.090 ≥ LOD N/A ND PASS Allethrin 0.030/0.092 N/A ND NA Atrazine 0.006/0.019 N/A ND Azadirachtin 0.082/0.248 N/A ND Azadirachtin 0.082/0.248 N/A ND PASS Benzovindiflupyr 0.003/0.009 40 N/A ND PASS Benzovindiflupyr 0.003/0.009 5 N/A ND PASS Bifenthrin 0.021/0.064 0.5 N/A ND PASS Boscalid 0.003/0.009 10 N/A ND PASS Boscalid 0.003/0.009 10 N/A ND PASS Carbaryl 0.004/0.0135 5 N/A ND PASS Carbaryl 0.007/0.020 0.5 N/A	Abamectin	0.032 / 0.097	0.3	N/A	ND	PASS
Acetamiprid 0.016/0.049 5 N/A ND PASS Aldicarb 0.030/0.090 ≥ LOD N/A ND PASS Allethrin 0.030/0.092 N/A ND ND Atrazine 0.006/0.019 N/A ND ND Azadirachtin 0.082/0.248 N/A ND PASS Benzovindiflupyr 0.003/0.009 40 N/A ND PASS Benzovindiflupyr 0.003/0.009 5 N/A ND PASS Bifenthrin 0.021/0.064 0.5 N/A ND PASS Boscalid 0.003/0.009 10 N/A ND PASS Buprofezin¹ 0.006/0.019 N/A ND PASS Carbanyl 0.007/0.020 0.5 N/A ND PASS Carbanyl 0.007/0.020 0.5 N/A ND PASS Chlorantraniliprole 0.006/0.018 40 N/A ND PASS Chlordenapyr*	Acephate	0.006 / 0.018	5	N/A	ND	PASS
Aldicarb 0.030 / 0.090 ≥ LOD N/A ND PASS Allethrin 0.030 / 0.092 N/A ND Atrazine 0.006 / 0.019 N/A ND Azadirachtin 0.082 / 0.248 N/A ND Azoxystrobin 0.003 / 0.009 40 N/A ND Bifenazate 0.003 / 0.009 5 N/A ND PASS Bifenthrin 0.021 / 0.064 0.5 N/A ND PASS Boscalid 0.003 / 0.009 10 N/A ND PASS Buprofezin† 0.006 / 0.019 N/A ND PASS Buprofezin† 0.006 / 0.019 N/A ND PASS Carbaryl 0.007 / 0.020 0.5 N/A ND PASS Carbaryl 0.007 / 0.020 0.5 N/A ND PASS Chlorantaniliprole 0.004 / 0.018 40 N/A ND PASS Chlordan* 0.010 / 0.032 ≥ LOD N/A ND	Acequinocyl	0.009 / 0.027	4	N/A	ND	PASS
Allethrin 0.030/0.092 N/A ND Atrazine 0.006/0.019 N/A ND Azadirachtin 0.082/0.248 N/A ND Azoxystrobin 0.003/0.009 40 N/A ND Benzovindifflupyr 0.003/0.009 5 N/A ND Bifenzate 0.003/0.009 5 N/A ND PASS Bifenthrin 0.021/0.064 0.5 N/A ND PASS Boscalid 0.003/0.009 10 N/A ND PASS Buprofezin¹ 0.006/0.019 N/A ND PASS Carban 0.045/0.135 5 N/A ND PASS Carbaryl 0.007/0.020 0.5 N/A ND PASS Carboryl 0.006/0.018 40 N/A ND PASS Chlorantraniliprole 0.006/0.018 40 N/A ND PASS Chlordrane* 0.010/0.032 ≥ LOD N/A ND PASS <th>Acetamiprid</th> <td>0.016 / 0.049</td> <td>5</td> <td>N/A</td> <td>ND</td> <td>PASS</td>	Acetamiprid	0.016 / 0.049	5	N/A	ND	PASS
Atrazine 0.006 / 0.019 N/A ND Azadirachtin 0.082 / 0.248 N/A ND Azoxystrobin 0.003 / 0.009 40 N/A ND Benzovindiflupyr 0.003 / 0.009 N/A ND Bifenazate 0.003 / 0.009 5 N/A ND Bifenthrin 0.021 / 0.064 0.5 N/A ND PASS Bifenthrin 0.021 / 0.064 0.5 N/A ND PASS Buprofezir¹ 0.006 / 0.019 N/A ND PASS Buprofezir¹ 0.006 / 0.019 N/A ND PASS Carban 0.045 / 0.135 5 N/A ND PASS Carbaryl 0.007 / 0.020 0.5 N/A ND PASS Carbofuran 0.003 / 0.008 ≥ LOD N/A ND PASS Chlordane* 0.010 / 0.032 ≥ LOD N/A ND PASS Chlordane* 0.010 / 0.032 ≥ LOD N/A ND PASS<	Aldicarb	0.030 / 0.090	≥ LOD	N/A	ND	PASS
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Benzovindiflupyr 0.003 / 0.009 N/A ND Bifenazate 0.003 / 0.009 5 N/A ND PASS Bifenthrin 0.021 / 0.064 0.5 N/A ND PASS Boscalid 0.003 / 0.009 10 N/A ND PASS Buprofezin¹ 0.006 / 0.019 N/A ND PASS Carban 0.045 / 0.135 5 N/A ND PASS Carbaryl 0.007 / 0.020 0.5 N/A ND PASS Carbofuran 0.003 / 0.008 ≥ LOD N/A ND PASS Chlorattraniliprole 0.006 / 0.018 40 N/A ND PASS Chlordan** 0.010 / 0.032 ≥ LOD N/A ND PASS Chlordany** 0.005 / 0.015 ≥ LOD N/A ND PASS Chlordany** 0.002 / 0.066 N/A ND PASS Chlorpyrifos 0.013 / 0.039 ≥ LOD N/A ND PASS <tr< td=""><th>Azadirachtin</th><td>0.082 / 0.248</td><td></td><td>N/A</td><td>ND</td><td></td></tr<>	Azadirachtin	0.082 / 0.248		N/A	ND	
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Carbaryl 0.007/0.020 0.5 N/A ND PASS Carbofuran 0.003/0.008 ≥ LOD N/A ND PASS Chlorantraniliprole 0.006/0.018 40 N/A ND PASS Chlordane* 0.010/0.032 ≥ LOD N/A ND PASS Chlordane* 0.005/0.015 ≥ LOD N/A ND PASS Chlordane* 0.005/0.015 ≥ LOD N/A ND PASS Chlordane* 0.005/0.016 N/A ND PASS Chlordane* 0.005/0.016 N/A ND PASS Chlordane* 0.005/0.009 0.5 N/A ND PASS Chlordane* 0.003/0.009 0.5 N/A ND PASS Clofentezine 0.003/0.009 0.5 N/A ND PASS Clothianidin 0.003/0.009 0.5 N/A ND PASS Cyantraniliprole 0.003/0.010 N/A ND PASS	Buprofezin [‡]	0.006/0.019		N/A	ND	
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Chlorantraniliprole 0.006/0.018 40 N/A ND PASS Chlordane* 0.010/0.032 ≥ LOD N/A ND PASS Chlorfenapyr* 0.005/0.015 ≥ LOD N/A ND PASS Chlormequat chloride 0.022/0.066 N/A ND ND PASS Chlorpyrifos 0.013/0.039 ≥ LOD N/A ND PASS Clofentezine 0.003/0.009 0.5 N/A ND PASS Clothianidin 0.008/0.025 N/A ND PASS Coumaphos 0.003/0.010 ≥ LOD N/A ND PASS Cyfluthrin 0.052/0.159 1 N/A ND PASS Cypremethrin 0.051/0.153 1 N/A ND PASS Cyprodinil* 0.003/0.008 N/A ND PASS Cyprodinil* 0.004/0.017 ≥ LOD N/A ND PASS Dilatinon 0.006/0.017 0.2 N/A ND	Carbaryl	0.007 / 0.020	0.5	N/A	ND	PASS
Chlordane* 0.010/0.032 ≥ LOD N/A ND PASS Chlorfenapyr* 0.005/0.015 ≥ LOD N/A ND PASS Chlormequat chloride 0.022/0.066 N/A ND ND Chlorpyrifos 0.013/0.039 ≥ LOD N/A ND PASS Clofentezine 0.003/0.009 0.5 N/A ND PASS Clothianidin 0.008/0.025 N/A ND PASS Clothianidin 0.008/0.025 N/A ND PASS Cyantraniliprole 0.003/0.010 ≥ LOD N/A ND PASS Cyfluthrin 0.052/0.159 1 N/A ND PASS Cypremethrin 0.051/0.153 1 N/A ND PASS Cyprodinil* 0.003/0.008 N/A ND PASS Cyprodinil* 0.004/0.077 ≥ LOD N/A ND PASS Deltamethrin 0.059/0.180 N/A ND PASS Dichlorvo	Carbofuran	0.003 / 0.008	≥LOD	N/A	ND	PASS
Chlorfenapyr* 0.005 / 0.015 ≥ LOD N/A ND PASS Chlormequat chloride 0.022 / 0.066 N/A ND Chlorpyrifos 0.013 / 0.039 ≥ LOD N/A ND PASS Clofentezine 0.003 / 0.009 0.5 N/A ND PASS Clothianidin 0.008 / 0.025 N/A ND ND PASS Clothianidin 0.003 / 0.010 N/A ND PASS Cyantraniliprole 0.003 / 0.010 N/A ND PASS Cyfluthrin 0.052 / 0.159 1 N/A ND PASS Cypremethrin 0.051 / 0.153 1 N/A ND PASS Cyprodinil* 0.003 / 0.008 N/A ND PASS Cyprodinil* 0.003 / 0.008 N/A ND PASS Deltamethrin 0.059 / 0.180 N/A ND PASS Diazinon 0.006 / 0.017 0.2 N/A ND PASS Dimethoate 0.003	Chlorantraniliprole	0.006 / 0.018	40	N/A	ND	PASS
Chlormequat chloride 0.022 / 0.066 N/A ND Chlorpyrifos 0.013 / 0.039 ≥ LOD N/A ND PASS Clofentezine 0.003 / 0.009 0.5 N/A ND PASS Clothianidin 0.008 / 0.025 N/A ND ND PASS Coumaphos 0.003 / 0.010 N/A ND PASS Cyantraniliprole 0.003 / 0.010 N/A ND PASS Cyfluthrin 0.052 / 0.159 1 N/A ND PASS Cypermethrin 0.051 / 0.153 1 N/A ND PASS Cyprodinil* 0.003 / 0.008 N/A ND PASS Cyprodinil* 0.003 / 0.008 N/A ND PASS Deltamethrin 0.059 / 0.180 N/A ND PASS Diazinon 0.006 / 0.017 0.2 N/A ND PASS Dimethoate 0.003 / 0.009 ≥ LOD N/A ND PASS Dimethomorph 0.016 / 0	Chlordane*	0.010 / 0.032	≥LOD	N/A	ND	PASS
Chlorpyrifos 0.013 / 0.039 ≥ LOD N/A ND PASS Clofentezine 0.003 / 0.009 0.5 N/A ND PASS Clothianidin 0.008 / 0.025 N/A ND ND Coumaphos 0.003 / 0.010 N/A ND PASS Cyantraniliprole 0.003 / 0.010 N/A ND PASS Cyfluthrin 0.052 / 0.159 1 N/A ND PASS Cypermethrin 0.051 / 0.153 1 N/A ND PASS Cyprodinil† 0.003 / 0.008 N/A ND PASS Deltamethrin 0.059 / 0.180 N/A ND PASS Diazinon 0.006 / 0.017 0.2 N/A ND PASS Dichlorvos (DDVP) 0.012 / 0.038 ≥ LOD N/A ND PASS Dimethoate 0.003 / 0.009 ≥ LOD N/A ND PASS Dimethomorph 0.016 / 0.050 20 N/A ND PASS <t< td=""><th>Chlorfenapyr*</th><td>0.005 / 0.015</td><td>≥LOD</td><td>N/A</td><td>ND</td><td>PASS</td></t<>	Chlorfenapyr*	0.005 / 0.015	≥LOD	N/A	ND	PASS
Clofentezine 0.003 / 0.009 0.5 N/A ND PASS Clothianidin 0.008 / 0.025 N/A ND ND Coumaphos 0.003 / 0.010 ≥ LOD N/A ND PASS Cyantraniliprole 0.003 / 0.010 N/A ND ND PASS Cyfluthrin 0.052 / 0.159 1 N/A ND PASS Cypremethrin 0.051 / 0.153 1 N/A ND PASS Cyprodinil [‡] 0.003 / 0.008 N/A ND PASS Deltamethrin 0.026 / 0.077 ≥ LOD N/A ND PASS Dichlorvos (DDVP) 0.012 / 0.038 ≥ LOD N/A ND PASS Dimethoate 0.003 / 0.009 ≥ LOD N/A ND PASS Dimethomorph 0.016 / 0.050 20 N/A ND PASS Dinotefuran 0.010 / 0.030 N/A ND ND PASS Dinotefuran 0.012 / 0.035 N/A ND	Chlormequat chloride	0.022 / 0.066		N/A	ND	
Clothianidin $0.008/0.025$ N/A ND Coumaphos $0.003/0.010$ ≥ LOD N/A ND PASS Cyantraniliprole $0.003/0.010$ N/A ND PASS Cyfluthrin $0.052/0.159$ 1 N/A ND PASS Cypermethrin $0.051/0.153$ 1 N/A ND PASS Cyprodinil‡ $0.003/0.008$ N/A ND PASS Cyprodinil‡ $0.003/0.008$ N/A ND PASS Deltamethrin $0.059/0.180$ N/A ND PASS Deltamethrin $0.059/0.180$ N/A ND PASS Dichlorvos (DDVP) $0.012/0.038$ ≥ LOD N/A ND PASS Dimethoate $0.003/0.009$ ≥ LOD N/A ND PASS Dimethomorph $0.016/0.050$ 20 N/A ND PASS Dinotefuran $0.010/0.030$ N/A ND ND Diuron $0.013/0.040$ N/A<	Chlorpyrifos	0.013 / 0.039	≥LOD	N/A	ND	PASS
Coumaphos 0.003 / 0.010 ≥ LOD N/A ND PASS Cyantraniliprole 0.003 / 0.010 N/A ND ND Cyfluthrin 0.052 / 0.159 1 N/A ND PASS Cypermethrin 0.051 / 0.153 1 N/A ND PASS Cyprodinil [‡] 0.003 / 0.008 N/A ND PASS Cyprodinil [‡] 0.003 / 0.008 N/A ND PASS Deltamethrin 0.026 / 0.077 ≥ LOD N/A ND PASS Deltamethrin 0.059 / 0.180 N/A ND PASS Dichlorvos (DDVP) 0.012 / 0.038 ≥ LOD N/A ND PASS Dimethoate 0.003 / 0.009 ≥ LOD N/A ND PASS Dimethomorph 0.016 / 0.050 20 N/A ND PASS Dinotefuran 0.010 / 0.030 N/A ND ND Diuron 0.013 / 0.040 N/A ND Dodemorph 0.016 / 0.048<	Clofentezine	0.003 / 0.009	0.5	N/A	ND	PASS
Cyantraniliprole 0.003 / 0.010 N/A ND Cyfluthrin 0.052 / 0.159 1 N/A ND PASS Cypermethrin 0.051 / 0.153 1 N/A ND PASS Cyprodinil [‡] 0.003 / 0.008 N/A ND ND Daminozide 0.026 / 0.077 ≥ LOD N/A ND PASS Deltamethrin 0.059 / 0.180 N/A ND PASS Dizajinon 0.006 / 0.017 0.2 N/A ND PASS Dichlorvos (DDVP) 0.012 / 0.038 ≥ LOD N/A ND PASS Dimethoate 0.003 / 0.009 ≥ LOD N/A ND PASS Dimethomorph 0.016 / 0.050 20 N/A ND PASS Dinotefuran 0.010 / 0.030 N/A ND ND Diuron 0.013 / 0.040 N/A ND ND Endosulfan sulfate 0.016 / 0.048 N/A ND ND Endosulfan -α* 0.004 / 0.01	Clothianidin	0.008 / 0.025		N/A	ND	
Cyfluthrin 0.052 / 0.159 1 N/A ND PASS Cypermethrin 0.051 / 0.153 1 N/A ND PASS Cyprodinil‡ 0.003 / 0.008 N/A ND ND Daminozide 0.026 / 0.077 ≥ LOD N/A ND PASS Deltamethrin 0.059 / 0.180 N/A ND ND PASS Dichlorvos (DDVP) 0.012 / 0.038 ≥ LOD N/A ND PASS Dimethoate 0.003 / 0.009 ≥ LOD N/A ND PASS Dimethomorph 0.016 / 0.050 20 N/A ND PASS Dinotefuran 0.010 / 0.030 N/A ND ND Diuron 0.013 / 0.040 N/A ND Dodemorph 0.012 / 0.035 N/A ND Endosulfan sulfate 0.016 / 0.048 N/A ND Endosulfan-α* 0.004 / 0.014 N/A ND	Coumaphos	0.003/0.010	≥ LOD	N/A	ND	PASS
Cypermethrin $0.051/0.153$ 1 N/A ND PASS Cyprodinil† $0.003/0.008$ N/A ND ND Daminozide $0.026/0.077$ ≥ LOD N/A ND PASS Deltamethrin $0.059/0.180$ N/A ND ND PASS Diazinon $0.006/0.017$ 0.2 N/A ND PASS Dichlorvos (DDVP) $0.012/0.038$ ≥ LOD N/A ND PASS Dimethoate $0.003/0.009$ ≥ LOD N/A ND PASS Dimethomorph $0.016/0.050$ 20 N/A ND PASS Dinotefuran $0.010/0.030$ N/A ND ND Diuron $0.013/0.040$ N/A ND Dodemorph $0.012/0.035$ N/A ND Endosulfan sulfate $0.016/0.048$ N/A ND Endosulfan-α* $0.004/0.014$ N/A ND	Cyantraniliprole	0.003/0.010		N/A	ND	
Cyprodinil‡ $0.003/0.008$ N/A ND Daminozide $0.026/0.077$ ≥ LOD N/A ND PASS Deltamethrin $0.059/0.180$ N/A ND ND PASS Diazinon $0.006/0.017$ 0.2 N/A ND PASS Dichlorvos (DDVP) $0.012/0.038$ ≥ LOD N/A ND PASS Dimethoate $0.003/0.009$ ≥ LOD N/A ND PASS Dimethomorph $0.016/0.050$ 20 N/A ND PASS Dinotefuran $0.010/0.030$ N/A ND ND Diuron $0.013/0.040$ N/A ND Dodemorph $0.012/0.035$ N/A ND Endosulfan sulfate $0.016/0.048$ N/A ND Endosulfan-α* $0.004/0.014$ N/A ND	Cyfluthrin	0.052 / 0.159	1	N/A	ND	PASS
Daminozide $0.026/0.077$ ≥ LOD N/A ND PASS Deltamethrin $0.059/0.180$ N/A ND ND Diazinon $0.006/0.017$ 0.2 N/A ND PASS Dichlorvos (DDVP) $0.012/0.038$ ≥ LOD N/A ND PASS Dimethoate $0.003/0.009$ ≥ LOD N/A ND PASS Dimethomorph $0.016/0.050$ 20 N/A ND PASS Dinotefuran $0.010/0.030$ N/A ND ND Diuron $0.013/0.040$ N/A ND Dodemorph $0.012/0.035$ N/A ND Endosulfan sulfate $0.016/0.048$ N/A ND Endosulfan-α* $0.004/0.014$ N/A ND	Cypermethrin	0.051 / 0.153	1	N/A	ND	PASS
Deltamethrin 0.059 / 0.180 N/A ND Diazinon 0.006 / 0.017 0.2 N/A ND PASS Dichlorvos (DDVP) 0.012 / 0.038 ≥ LOD N/A ND PASS Dimethoate 0.003 / 0.009 ≥ LOD N/A ND PASS Dimethomorph 0.016 / 0.050 20 N/A ND PASS Dinotefuran 0.010 / 0.030 N/A ND ND Diuron 0.013 / 0.040 N/A ND Dodemorph 0.012 / 0.035 N/A ND Endosulfan sulfate 0.016 / 0.048 N/A ND Endosulfan-α* 0.004 / 0.014 N/A ND	Cyprodinil [‡]	0.003 / 0.008		N/A	ND	
Diazinon 0.006 / 0.017 0.2 N/A ND PASS Dichlorvos (DDVP) 0.012 / 0.038 ≥ LOD N/A ND PASS Dimethoate 0.003 / 0.009 ≥ LOD N/A ND PASS Dimethomorph 0.016 / 0.050 20 N/A ND PASS Dinotefuran 0.010 / 0.030 N/A ND Diuron 0.013 / 0.040 N/A ND Dodemorph 0.012 / 0.035 N/A ND Endosulfan sulfate 0.016 / 0.048 N/A ND Endosulfan-α* 0.004 / 0.014 N/A ND	Daminozide	0.026 / 0.077	≥LOD	N/A	ND	PASS
Dichlorvos (DDVP) 0.012 / 0.038 ≥ LOD N/A ND PASS Dimethoate 0.003 / 0.009 ≥ LOD N/A ND PASS Dimethomorph 0.016 / 0.050 20 N/A ND PASS Dinotefuran 0.010 / 0.030 N/A ND Diuron 0.013 / 0.040 N/A ND Dodemorph 0.012 / 0.035 N/A ND Endosulfan sulfate 0.016 / 0.048 N/A ND Endosulfan-α* 0.004 / 0.014 N/A ND	Deltamethrin	0.059 / 0.180		N/A	ND	
Dimethoate 0.003/0.009 ≥ LOD N/A ND PASS Dimethomorph 0.016/0.050 20 N/A ND PASS Dinotefuran 0.010/0.030 N/A ND Diuron 0.013/0.040 N/A ND Dodemorph 0.012/0.035 N/A ND Endosulfan sulfate 0.016/0.048 N/A ND Endosulfan-α* 0.004/0.014 N/A ND	Diazinon	0.006 / 0.017	0.2	N/A	ND	PASS
Dimethomorph 0.016/0.050 20 N/A ND PASS Dinotefuran 0.010/0.030 N/A ND Diuron 0.013/0.040 N/A ND Dodemorph 0.012/0.035 N/A ND Endosulfan sulfate 0.016/0.048 N/A ND Endosulfan-α* 0.004/0.014 N/A ND	Dichlorvos (DDVP)	0.012 / 0.038	≥LOD	N/A	ND	PASS
Dinotefuran 0.010 / 0.030 N/A ND Diuron 0.013 / 0.040 N/A ND Dodemorph 0.012 / 0.035 N/A ND Endosulfan sulfate 0.016 / 0.048 N/A ND Endosulfan-α* 0.004 / 0.014 N/A ND	Dimethoate	0.003 / 0.009	≥LOD	N/A	ND	PASS
Diuron 0.013 / 0.040 N/A ND Dodemorph 0.012 / 0.035 N/A ND Endosulfan sulfate 0.016 / 0.048 N/A ND Endosulfan-α* 0.004 / 0.014 N/A ND	Dimethomorph	0.016 / 0.050	20	N/A	ND	PASS
Dodemorph 0.012 / 0.035 N/A ND Endosulfan sulfate 0.016 / 0.048 N/A ND Endosulfan-α* 0.004 / 0.014 N/A ND	Dinotefuran	0.010/0.030		N/A	ND	
Endosulfan sulfate 0.016 / 0.048 N/A ND Endosulfan-α* 0.004 / 0.014 N/A ND	Diuron	0.013 / 0.040		N/A	ND	
Endosulfan-α* 0.004 / 0.014 N/A ND	Dodemorph	0.012 / 0.035		N/A	ND	
	Endosulfan sulfate	0.016 / 0.048		N/A	ND	
Endosulfan-β* 0.006 / 0.019 N/A ND	Endosulfan- α^*	0.004/0.014		N/A	ND	
	Endosulfan-β*	0.006 / 0.019		N/A	ND	

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Pesticide Analysis Continued

PESTICIDE TEST RESULTS - 05/14/2025 continued **⊘** PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (μg/g)	MEASUREMENT UNCERTAINTY (μg/g)	RESULT (µg/g)	RESULT
Ethoprophos	0.003 / 0.009	≥ LOD	N/A	ND	PASS
Etofenprox	0.014 / 0.042	≥LOD	N/A	ND	PASS
Etoxazole	0.007 / 0.020	1.5	N/A	ND	PASS
Etridiazole*	0.002 / 0.005		N/A	ND	
Fenhexamid	0.003 / 0.008	10	N/A	ND	PASS
Fenoxycarb	0.003/0.010	≥LOD	N/A	ND	PASS
Fenpyroximate	0.007 / 0.020	2	N/A	ND	PASS
Fensulfothion	0.003 / 0.010		N/A	ND	
Fenthion	0.003 / 0.010		N/A	ND	
Fenvalerate [‡]	0.033 / 0.099		N/A	ND	
Fipronil	0.003/0.010	≥LOD	N/A	ND	PASS
Flonicamid	0.007/0.022	2	N/A	ND	PASS
Fludioxonil	0.003/0.010	30	N/A	ND	PASS
Fluopyram [‡]	0.003/0.009		N/A	ND	
Hexythiazox	0.003/0.010	2	N/A	ND	PASS
lmazalil	0.003 / 0.009	≥LOD	N/A	ND	PASS
Imidacloprid	0.003 / 0.010	3	N/A	ND	PASS
Iprodione	0.077 / 0.233		N/A	ND	
Kinoprene	0.077 / 0.233		N/A	ND	
Kresoxim-methyl	0.006 / 0.019	1	N/A	ND	PASS
λ-Cyhalothrin	0.068 / 0.206		N/A	ND	
Malathion	0.003 / 0.009	5	N/A	ND	PASS
Metalaxyl	0.003 / 0.010	15	N/A	ND	PASS
Methiocarb	0.003/0.008	≥LOD	N/A	ND	PASS
Methomyl	0.008 / 0.025	0.1	N/A	ND	PASS
Methoprene [‡]	0.172/0.521		N/A	ND	
Mevinphos	0.008 / 0.024	≥ LOD	N/A	ND	PASS
MGK-264	0.015 / 0.047		N/A	ND	
Myclobutanil	0.003 / 0.009	9	N/A	ND	PASS
Naled	0.021 / 0.064	0.5	N/A	ND	PASS
Novaluron	0.002 / 0.005		N/A	ND	
Oxamyl	0.017 / 0.051	0.2	N/A	ND	PASS
Paclobutrazol	0.003 / 0.010	≥ LOD	N/A	ND	PASS
Parathion-methyl	0.016 / 0.050	≥LOD	N/A	ND	PASS
Pentachloronitro- benzene (Quintozene)*	0.004/0.012	0.2	N/A	ND	PASS
Permethrin	0.056 / 0.168	20	N/A	ND	PASS
Phenothrin	0.016 / 0.047		N/A	ND	
Phosmet	0.007 / 0.020	0.2	N/A	ND	PASS
Piperonyl Butoxide	0.010 / 0.029	8	N/A	ND	PASS
Pirimicarb	0.003 / 0.009		N/A	ND	
Prallethrin	0.015 / 0.046	0.4	N/A	ND	PASS

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DATE ISSUED 05/19/2025





Pesticide Analysis Continued

PESTICIDE TEST RESULTS - 05/14/2025 continued **⊘** PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (μg/g)	MEASUREMENT UNCERTAINTY (μg/g)	RESULT (µg/g)	RESULT
Propiconazole	0.027 / 0.080	20	N/A	ND	PASS
Propoxur	0.003 / 0.008	≥LOD	N/A	ND	PASS
Pyraclostrobin	0.003/0.010		N/A	ND	
Pyrethrins	0.016/0.049	1	N/A	ND	PASS
Pyridaben	0.005/0.017	3	N/A	ND	PASS
Pyriproxyfen	0.003 / 0.009		N/A	ND	
Resmethrin	0.013/0.039		N/A	ND	
Spinetoram	0.003/0.010	3	N/A	ND	PASS
Spinosad	0.003/0.010	3	N/A	ND	PASS
Spirodiclofen	0.031/0.093		N/A	ND	
Spiromesifen	0.016 / 0.050	12	N/A	ND	PASS
Spirotetramat	0.003/0.010	13	N/A	ND	PASS
Spiroxamine	0.020 / 0.062	≥LOD	N/A	ND	PASS
Tebuconazole	0.003/0.010	2	N/A	ND	PASS
Tebufenozide	0.003 / 0.008		N/A	ND	
Teflubenzuron	0.007/0.022		N/A	ND	
Tetrachlorvinphos	0.003 / 0.008		N/A	ND	
Tetramethrin	0.021 / 0.063		N/A	ND	
Thiabendazole	0.006 / 0.020		N/A	ND	
Thiacloprid	0.003 / 0.009	≥LOD	N/A	ND	PASS
Thiamethoxam	0.003/0.010	4.5	N/A	ND	PASS
Thiophanate-methyl	0.013 / 0.040		N/A	ND	
Trifloxystrobin	0.003/0.009	30	N/A	ND	PASS



Mycotoxin Analysis

Mycotoxin analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS).

Method: OSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS

MYCOTOXIN TEST RESULTS - 05/14/2025 **⊘** PASS

COMPOUND	LOD/LOQ (µg/kg)	ACTION LIMIT (μg/kg)	MEASUREMENT UNCERTAINTY (μg/kg)	RESULT (μg/kg)	RESULT
Aflatoxin B1	1.6 / 5.0		N/A	ND	
Aflatoxin B2	1.4 / 4.1		N/A	ND	
Aflatoxin G1	1.6 / 4.9		N/A	ND	
Aflatoxin G2	1.6 / 5.0		N/A	ND	
Ochratoxin A	1.6 / 5.0	20	N/A	ND	PASS
Total Aflatoxin		20		ND	PASS









Residual Solvents Analysis

Residual Solvent analysis utilizing gas chromatography-mass spectrometry (GC-MS).

Method: QSP 1204 - Analysis of Residual Solvents by GC-MS

Total Butanes = n-Butane + 2-Methylpropane (Isobutane) **Total Pentanes** = n-Pentane + 2-Methylbutane (Isopentane) + 2,2-Dimethylpropane (Neopentane)

Total Hexanes = n-Hexane + 2,2-Dimethylbutane (Neohexane) + 2,3-Dimethylbutane / 2-Methylpentane (Isohexane) +

Total Heptanes = 2,2-Dimethylpentane (Neoheptane) + 2,3-Dimethylpentane + 2,4-Dimethylpentane + 3,3-Dimethylpentane + 2,2,3-Trimethylbutane (Triptane) + 2-Methylhexane (Isoheptane) + 3-Methylhexane + 3-Ethylpentane + n-Heptane **Total Xylenes** = 1,2-Dimethylbenzene (o-Xylene) +

1,3-Dimethylbenzene (m-Xylene) / 1,4-Dimethylbenzene (p-Xylene) + Ethylbenzene

RESIDUAL SOLVENTS TEST RESULTS - 05/13/2025 **⊘ PASS**

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (μg/g)	MEASUREMENT UNCERTAINTY (μg/g)	RESULT (µg/g)	RESULT
Propane	0.234 / 0.781	5000	N/A	ND	PASS
2-Methylpropane (Isobutane)	0.052/0.173		N/A	ND	
n-Butane	0.019 / 0.063	5000	N/A	ND	PASS
Total Butanes				ND	
2-Methylbutane (Isopentane)	0.310 / 1.035		N/A	ND	
2,2-Dimethylpropane (Neopentane)	0.035/0.117		N/A	ND	
n-Pentane	0.310 / 1.033	5000	N/A	ND	PASS
Total Pentanes				ND	
2,2-Dimethylbutane (Neohexane)	9.831 / 32.77		N/A	ND	
2,3-Dimethylbutane / 2-Methylpentane (Isohexane)	0.381 / 1.271		N/A	ND	
3-Methylpentane	0.109/0.365		N/A	ND	
n-Hexane	0.110 / 0.366	290	N/A	ND	PASS
Total Hexanes				ND	
Cyclohexane	0.357 / 1.190		N/A	ND	
2,2-Dimethylpentane (Neoheptane)	0.493 / 1.642		N/A	ND	
2,3-Dimethylpentane	1.009 / 3.365		N/A	ND	
2,4-Dimethylpentane	0.737 / 2.458		N/A	ND	
3,3-Dimethylpentane	0.198 / 0.660		N/A	ND	
2,2,3-Trimethylbutane (Triptane)	0.521 / 1.738		N/A	ND	
2-Methylhexane (Isoheptane)	0.610/2.034		N/A	ND	
3-Methylhexane	0.235 / 0.785		N/A	ND	
3-Ethylpentane	0.304/1.012		N/A	ND	
n-Heptane	13.12 / 43.72	5000	N/A	ND	PASS
Total Heptanes				ND	
Cycloheptane	0.597 / 1.989		N/A	ND	
Benzene	0.089 / 0.295	1	N/A	ND	PASS
Toluene	0.115/0.382	890	N/A	ND	PASS
Cumene	0.180 / 0.600		N/A	ND	
1,3-Dimethylbenzene (m-Xylene) / 1,4-Dimethylbenzene (p-Xylene)	0.451 / 1.502		N/A	ND	
1,2-Dimethylbenzene (o-Xylene)	0.387 / 1.289		N/A	ND	
Ethylbenzene	0.370 / 1.233		N/A	ND	
Total Xylenes		2170		ND	PASS
Methanol	53.92 / 163.4	3000	N/A	ND	PASS
Ethanol	8.984 / 27.23	5000	±0.515	33.02	PASS
1-Propanol	1.540 / 5.133		N/A	ND	
2-Propanol (Isopropyl Alcohol)	8.421 / 25.52	5000	N/A	ND	PASS

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RESIDUAL SOLVENTS TEST RESULTS - 05/13/2025 continued PASS

COMPOUND	OMPOUND LOD/LOQ ACTION LIMIT MEASUREMENT (μg/g) (μg/g) UNCERTAINTY (μg/g)		RESULT (µg/g)	RESULT	
1-Butanol	0.475 / 1.582		N/A	ND	
2-Butanol	7.248 / 24.16		N/A	ND	
1-Pentanol	1.461 / 4.869		N/A	ND	
Acetone	10.59 / 32.08	5000	N/A	ND	PASS
2-Butanone	0.169 / 0.564		N/A	ND	
Tetrahydrofuran	0.622 / 2.075		N/A	ND	
Ethyl Ether	0.197 / 0.658	5000	N/A	ND	PASS
Ethylene Glycol	3.803 / 12.68		N/A	ND	
2-Ethoxyethanol	1.235 / 4.118		N/A	ND	
1,2-Dimethoxyethane	2.116 / 7.052		N/A	ND	
1,4-Dioxane	0.468 / 1.558		N/A	ND	
Ethylene Oxide	0.253 / 0.844	1	N/A	ND	PASS
Ethyl Acetate	1.123 / 3.745	5000	N/A	ND	PASS
Isopropyl Acetate	0.347 / 1.158		N/A	ND	
Chloroform	0.251 / 0.838	1	N/A	ND	PASS
Dichloromethane (Methylene Chloride)	2.651 / 8.838	1	N/A	ND	PASS
Trichloroethylene	0.299 / 0.996	1	N/A	ND	PASS
1,2-Dichloroethane	0.162 / 0.541	1	N/A	ND	PASS
1,1-Dichloroethene	0.185 / 0.616		N/A	ND	
1,2-Dichloroethene	0.428 / 1.427		N/A	ND	
Sulfolane	47.66 / 158.9		N/A	ND	
Dimethyl Sulfoxide	6.168/20.56		N/A	ND	
Acetonitrile	1.595 / 4.833	410	N/A	ND	PASS
Pyridine	0.407 / <mark>1.355</mark>		N/A	ND	
N,N-Dimethylacetamide	0.127/0.422		N/A	ND	
N,N-Dimethylformamide	0.946 / 3.153		N/A	ND	

Heavy Metals Analysis

Heavy metal analysis utilizing inductively coupled plasma-mass spectrometry (ICP-MS).

Method: QSP 1160 - Analysis of Heavy Metals by ICP-MS

HEAVY METALS TEST RESULTS - 05/15/2025 **⊘ PASS**

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (μg/g)	RESULT (μg/g)	RESULT
Arsenic	0.02/0.1	1.5	N/A	ND	PASS
Cadmium	0.02/0.05	0.5	N/A	ND	PASS
Lead	0.04/0.1	0.5	N/A	ND	PASS
Mercury	0.002 / 0.01	3	N/A	ND	PASS





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Microbiology Analysis

PCR AND PLATING

Analysis conducted by polymerase chain reaction (PCR) and fluorescence detection of microbiological contaminants.

Method: QSP 1221 - Analysis of Microbiological Contaminants

MICROBIOLOGY TEST RESULTS (PCR) - 05/17/2025 PASS

COMPOUND	ACTION LIMIT	RESULT	RESULT
Aspergillus flavus	Not Detected in 1g	ND	PASS
Aspergillus fumigatus	Not Detected in 1g	ND	PASS
Aspergillus niger	Not Detected in 1g	ND	PASS
Aspergillus terreus	Not Detected in 1g	ND	PASS
Listeria monocytogenes		ND	
Salmonella spp.	Not Detected in 1g	ND	PASS
Shiga toxin-producing Escherichia coli	Not Detected in 1g	ND	PASS

Analysis conducted by $3M^{\text{TM}}$ Petrifilm and plate counts of microbiological contaminants.

Method: QSP 6794 - Plating with $3M^{TM}$ Petrifilm TM

MICROBIOLOGY TEST RESULTS (PLATING) - 05/17/2025 ND

COMPOUND	RESULT (cfu/g)
Escherichia coli	ND

NOTES

Reason for Amendment: Order Detail Information Change Sample serving mass provided by client. Sample unit mass provided by client.