

CERTIFICATE OF ANALYSIS

PRODUCT NAME:	Delta 9 THC Gummies (Beach Flavor	- Mixed)

PRODUCT STRENGTH: 5mg THC + 25mg CBD per gummy

BATCH: 250131A

BEST BY DATE: 1/23/2027

EXTRACT LOT:

Physical Attributes

Test	Method	Specification	Results
Color	Internal	Multicolored	PASS
Odor	Internal	Sweet	PASS
Appearance	Internal	Sugar-coated	PASS
Primary Package Evaluation	Internal	Container clean and free of filth. Container caps tight and seals intact.	PASS
Secondary Package Evaluation	Internal	Labeling compliance checked, sufficient cushion material exists. Box taped & secured.	PASS

Review of Third-Party Analysis

Panel	Method	Specification	Results*	Pass/Fail
Potency - Total CBD	HPLC-UV-DAD	*NLT 25mg / gummy	24mg	PASS
Potency - Total D9-THC	HPLC-UV-DAD	LOQ: <0.03% (full spectrum)	5mg 0.11%	PASS
Expanded Pesticide Panel	HPLC-QQQ	LOQ: Complies with CDPHE 6 CCR 1010-21 Industrial Hemp Extract	Below LOQ	PASS
Microbial Escherichia coli (STEC)	PCR	Complies with CDPHE 6 CCR 1010-21 Industrial Hemp Extract	Absent	PASS
Microbial Salmonella	PCR	Complies with CDPHE 6 CCR 1010-21 - LOQ 1 CFU/25 gram	Absent	PASS
Microbial Yeast & Mold	Culture Plating	Complies with CDPHE 6 CCR 1010-21 - LOQ 10^2 CFU/gram	Below LOQ	PASS
Microbial Total Coliforms*	Culture Plating	Complies with CDPHE 6 CCR 1010-21 - LOQ 10^2 CFU/gram	Below LOQ	PASS
Microbial Total Aerobic Count*	Culture Plating	Complies with CDPHE 6 CCR 1010-21 - LOQ 10^3 CFU/gram	Below LOQ	PASS
Heavy Metals Panel	ICP-MS	Arsenic (As): ≤1.5ppm Cadmium (Cd): ≤0.5ppm Lead (Pb): ≤0.5ppm Mercury (Hg): ≤1.5ppm	Below LOQ	PASS
Mycotoxins	ICP-MS	Total Aflatoxins <20 ppb† Afltoxin B1 < 5 ppb Ochratoxin < 5ppb	Below LOQ	PASS
Residual Solvents	GC-HS-MSD	LOQ: Complies with CDPHE 6 CCR 1010-21 Industrial Hemp Extract	Below LOQ	PASS

* *Level of Quantitation, † Parts Per
Million † Part Per Billion CFU/g=Colony
Forming Units per Gram

* Nothing Less Than Manufacture* 10^2=100 CFU 10^3=1,000 CFU

Quality Certified

Colo

\$!##!\$"\$

Date



Hemp Quality Assurance Testing CERTIFICATE OF ANALYSIS

DATE ISSUED 02/04/2025

SAMPLE DETAILS

SAMPLE NAME:5mg Delta 9 THC

Gummies - Assorted Flavor

Infused, Colorado Infused

SAMPLE DETAIL

Batch Number: 250131A **Sample ID:** 250129K029

Date of Sampling: 01/29/2025 Time of Sampling: 9:24 a.m. **Date Collected:** 01/29/2025 **Date Received:** 01/29/2025

Batch Size:

Sample Size: 2.0 units

Unit Mass: 4.3 grams per Unit Serving Size: 4.3 grams per Serving



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 5.001 mg/unit

Total CBD: 24.312 mg/unit

Sum of Cannabinoids: 29.511 mg/unit

Total Cannabinoids: 29.511 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° -THC + (THCa (0.877))

Total CBD = CBD + (CBDa (0.877))

$$\label{eq:SumofCannabinoids} \begin{split} &Sum\ of\ Cannabinoids = \Delta^9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \\ &THCV + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{-THC} + \text{CBL} + \text{CBN} \\ &Total\ Cannabinoids = (\Delta^9\text{-THC} + 0.877*\text{THCa}) + (\text{CBD} + 0.877*\text{CBDa}) + \\ &(\text{CBG} + 0.877*\text{CBGa}) + (\text{THCV} + 0.877*\text{THCVa}) + (\text{CBC} + 0.877*\text{CBCa}) + \\ \end{split}$$

(CBDV+0.877*CBDVa) + Δ 8-THC + CBL + CBN

SAFETY ANALYSIS - SUMMARY

Pesticides: ⊘PASS Mycotoxins: ⊘PASS Residual Solvents: ⊘PASS Heavy Metals: ⊘PASS

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: 6 CCR 1010-21 Colorado Wholesale Food, Industrial Hemp, and Shellfish Regulations; where applicable

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.

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

LQC verified by: Maria Garcia Job Title: Senior Laboratory Analyst Date: 02/04/2025 Approved by: Josh Wurzer
Job Title: Chief Compliance Officer
Date: 02/04/2025



DATE ISSUED 02/04/2025



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

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

TOTAL THC: 5.001 mg/unit Total THC (Δ⁹-THC+0.877*THCa)

TOTAL CBD: 24.312 mg/unit

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 29.511 mg/unit

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ^8 -THC + CBL + CBN

TOTAL CBG: 0.052 mg/unit

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: 0.082 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 01/30/2025

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	±0.2109	5.654	0.5654
∆ ⁹ -THC	0.002/0.014	±0.0638	1.163	0.1163
CBDV	0.002/0.012	±0.0008	0.019	0.0019
CBN	0.001 / 0.007	±0.0004	0.015	0.0015
CBG	0.002 / 0.006	±0.0006	0.012	0.0012
Δ ⁸ -THC	0.01 / 0.02	N/A	ND	ND
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
CBGa	0.002 / 0.007	N/A	ND	ND
CBL	0.003/0.010	N/A	ND	ND
СВС	0.003/0.010	N/A	ND	ND
CBCa	0.001 / 0.015	N/A	ND	ND
SUM OF CANNA	BINOIDS		6.863 mg/g	0.6863%

Unit Mass: 4.3 grams per Unit / Serving Size: 4.3 grams per Serving

Δ^9 -THC per Unit	5.001 mg/unit
Δ ⁹ -THC per Serving	5.001 mg/serving
Total THC per Unit	5.001 mg/unit
Total THC per Serving	5.001 mg/serving
CBD per Unit	24.312 mg/unit
CBD per Serving	24.312 mg/serving
Total CBD per Unit	24.312 mg/unit
Total CBD per Serving	24.312 mg/serving
Sum of Cannabinoids per Unit	29.511 mg/unit
Sum of Cannabinoids per Serving	29.511 mg/serving
Total Cannabinoids per Unit	29.511 mg/unit
Total Cannabinoids per Serving	29.511 mg/serving



Hemp Quality Assurance Testing CERTIFICATE OF ANALYSIS

DATE ISSUED 01/30/2025

SAMPLE DETAILS

SAMPLE NAME: 5mg Delta 9 THC

Gummies - Assorted Flavor Infused, Colorado Infused

SAMPLE DETAIL

Batch Number: 250131A Sample ID: 250129K031 Date of Sampling: 01/29/2025 Time of Sampling: 9:24 a.m.

Sampler Name: Sampler Company: **Date Collected:** 01/29/2025 **Date Received:** 01/29/2025

Batch Size:

Sample Size: 2.0 units

Unit Mass: 4.3 grams per Unit Serving Size: 4.3 grams per Serving





Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 4.519 mg/unit

Total CBD: 23.826 mg/unit

Sum of Cannabinoids: 28.470 mg/unit

Total Cannabinoids: 28.470 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 + Δ^8 -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) + Δ^8 -THC + CBL + CBN

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 $\textbf{References:} \ \text{limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT),} \\ \underline{\mu g/g} = ppm, \underline{\mu g/kg} = ppb$

LQC verified by: Michael Pham Job Title: Senior Laboratory Analyst Date: 01/30/2025 Approved by: Josh Wurzer
Job Title: Chief Compliance Officer
Date: 01/30/2025



DATE ISSUED 01/30/2025





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: 4.519 mg/unit

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 23.826 mg/unit

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 28.470 mg/unit

 $\begin{array}{l} Total \ Cannabinoids \ (Total \ THC) + (Total \ CBD) + \\ (Total \ CBG) + (Total \ THCV) + (Total \ CBC) + \\ (Total \ CBDV) + \Delta^8 - THC + CBL + CBN \end{array}$

TOTAL CBG: 0.043 mg/unit

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: 0.082 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 01/30/2025

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	±0.2067	5.541	0.5541
Δ^9 -THC	0.002 / 0.014	±0.0577	1.051	0.1051
CBDV	0.002 / 0.012	±0.0008	0.019	0.0019
CBG	0.002 / 0.006	±0.0005	0.010	0.0010
Δ ⁸ -THC	0.01 / 0.02	N/A	ND	ND
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
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 CANNA	BINOIDS	_	6.621 mg/g	0.6621%

Unit Mass: 4.3 grams per Unit / Serving Size: 4.3 grams per Serving

Δ^9 -THC per Unit	4.519 mg/unit			
Δ ⁹ -THC per Serving	4.519 mg/serving			
Total THC per Unit	4.519 mg/unit			
Total THC per Serving	4.519 mg/serving			
CBD per Unit	23.826 mg/unit			
CBD per Serving	23.826 mg/serving			
Total CBD per Unit	23.826 mg/unit			
Total CBD per Serving	23.826 mg/serving			
Sum of Cannabinoids per Unit	28.470 mg/unit			
Sum of Cannabinoids per Serving	28.470 mg/serving			
Total Cannabinoids per Unit	28.470 mg/unit			
Total Cannabinoids per Serving	28.470 mg/serving			

NOTES

Sample unit mass provided by client.



Hemp Quality Assurance Testing

CERTIFICATE OF ANALYSIS

DATE ISSUED 01/30/2025

SAMPLE DETAILS

SAMPLE NAME: 5mg Delta 9 THC

Gummies - Assorted Flavor Infused, Colorado Infused

SAMPLE DETAIL

Batch Number: 250131A Sample ID: 250129K030 Date of Sampling: 01/29/2025 Time of Sampling: 9:24 a.m.

Sampler Name: Sampler Company: **Date Collected:** 01/29/2025 **Date Received:** 01/29/2025

Batch Size:

Sample Size: 2.0 units

Unit Mass: 4.3 grams per Unit Serving Size: 4.3 grams per Serving





Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 4.936 mg/unit

Total CBD: 24.841 mg/unit

Sum of Cannabinoids: 29.954 mg/unit

Total Cannabinoids: 29.954 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 + Δ^8 -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) + Δ^8 -THC + CBL + CBN

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Sample Certification: 6 CCR 1010-21 Colorado Wholesale Food, Industrial Hemp, and Shellfish Regulations; where applicable

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 $\textbf{References:} \ \text{limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT),} \\ \underline{\mu g/g} = ppm, \underline{\mu g/kg} = ppb$

LQC verified by: Michael Pham Job Title: Senior Laboratory Analyst Date: 01/30/2025 Approved by: Josh Wurzer
Job Title: Chief Compliance Officer
Date: 01/30/2025



DATE ISSUED 01/30/2025





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: 4.936 mg/unit

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 24.841 mg/unit

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 29.954 mg/unit

 $\begin{array}{l} Total \ Cannabinoids \ (Total \ THC) + (Total \ CBD) + \\ (Total \ CBG) + (Total \ THCV) + (Total \ CBC) + \\ (Total \ CBDV) + \Delta^8 - THC + CBL + CBN \end{array}$

TOTAL CBG: 0.034 mg/unit

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: 0.082 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 01/30/2025

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	±0.2155	5.777	0.5777
Δ ⁹ -THC	0.002 / 0.014	±0.0630	1.148	0.1148
CBDV	0.002 / 0.012	±0.0008	0.019	0.0019
CBN	0.001 / 0.007	±0.0004	0.014	0.0014
CBG	0.002 / 0.006	±0.0004	0.008	0.0008
Δ ⁸ -THC	0.01 / 0.02	N/A	ND	ND
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
CBGa	0.002 / 0.007	N/A	ND	ND
CBL	0.003 / 0.010	N/A	ND	ND
СВС	0.003 / 0.010	N/A	ND	ND
CBCa	0.001 / 0.015	N/A	ND	ND
SUM OF CANNA	BINOIDS		6.966 mg/g	0.6966%

Unit Mass: 4.3 grams per Unit / Serving Size: 4.3 grams per Serving

Δ^9 -THC per Unit	4.936 mg/unit			
Δ^9 -THC per Serving	4.936 mg/serving			
Total THC per Unit	4.936 mg/unit			
Total THC per Serving	4.936 mg/serving			
CBD per Unit	24.841 mg/unit			
CBD per Serving	24.841 mg/serving			
Total CBD per Unit	24.841 mg/unit			
Total CBD per Serving	24.841 mg/serving			
Sum of Cannabinoids per Unit	29.954 mg/unit			
Sum of Cannabinoids per Serving	29.954 mg/serving			
Total Cannabinoids per Unit	29.954 mg/unit			
Total Cannabinoids per Serving	29.954 mg/serving			

NOTES

Sample unit mass provided by client.



Hemp Quality Assurance Testing CERTIFICATE OF ANALYSIS

DATE ISSUED 02/04/2025





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 - 02/02/2025 PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (μg/g)	MEASUREMENT UNCERTAINTY (μg/g)	RESULT (μg/g)	RESULT
Abamectin	0.032 / 0.097	0.25	N/A	ND	PASS
Acephate	0.006/0.018	0.05	N/A	ND	PASS
Acequinocyl	0.009/0.027	≥LOQ	N/A	ND	PASS
Acetamiprid	0.016/0.049	0.05	N/A	ND	PASS
Aldicarb	0.030 / 0.090	0.5	N/A	ND	PASS
Allethrin	0.030 / 0.092	0.1	N/A	ND	PASS
Atrazine	0.006 / 0.019	≥LOQ	N/A	ND	PASS
Azadirachtin	0.082 / 0.248	0.5	N/A	ND	PASS
Azoxystrobin	0.003 / 0.009	0.01	N/A	ND	PASS
Benzovindiflupyr	0.003 / 0.009	0.01	N/A	ND	PASS
Bifenazate	0.003 / 0.009	0.01	N/A	ND	PASS
Bifenthrin	0.021 / 0.064	≥LOQ	N/A	ND	PASS
Boscalid	0.003 / 0.009	0.01	N/A	ND	PASS
Buprofezin [‡]	0.006/0.019	≥LOQ	N/A	ND	PASS
Carbaryl	0.007 / 0.020	0.025	N/A	ND	PASS
Carbofuran	0.003 / 0.008	0.01	N/A	ND	PASS
Chlorantraniliprole	0.006 / 0.018	≥LOQ	N/A	ND	PASS
Chlorfenapyr*	0.005 / 0.015	1.5	N/A	ND	PASS
Chlorpyrifos	0.013/0.039	0.5	N/A	ND	PASS
Clofentezine	0.003 / 0.009	0.01	N/A	ND	PASS
Clothianidin	0.008 / 0.025	0.025	N/A	ND	PASS
Coumaphos	0.003 / 0.010	0.01	N/A	ND	PASS
Cyantraniliprole	0.003/0.010	0.01	N/A	ND	PASS
Cyfluthrin	0.052 / 0.159	≥LOQ	N/A	ND	PASS
Cypermethrin	0.051/0.153	≥LOQ	N/A	ND	PASS
Cyprodinil [‡]	0.003/0.008	0.01	N/A	ND	PASS
Daminozide	0.026 / 0.077	≥LOQ	N/A	ND	PASS
Deltamethrin	0.059 / 0.180	≥LOQ	N/A	ND	PASS
Diazinon	0.006 / 0.017	≥LOQ	N/A	ND	PASS
Dichlorvos (DDVP)	0.012/0.038	0.05	N/A	ND	PASS
Dimethoate	0.003 / 0.009	0.01	N/A	ND	PASS
Dimethomorph	0.016 / 0.050	≥LOQ	N/A	ND	PASS
Dinotefuran	0.010 / 0.030	0.05	N/A	ND	PASS
Diuron	0.013 / 0.040	≥LOQ	N/A	ND	PASS
Dodemorph	0.012/0.035	≥LOQ	N/A	ND	PASS
Endosulfan sulfate	0.016 / 0.048	2.5	N/A	ND	PASS
Endosulfan-α*	0.004 / 0.014	2.5	N/A	ND	PASS
Endosulfan-β*	0.006/0.019	2.5	N/A	ND	PASS
Ethoprophos	0.003 / 0.009	0.01	N/A	ND	PASS
Etofenprox	0.014 / 0.042	≥LOQ	N/A	ND	PASS
Etoxazole	0.007 / 0.020	≥LOQ	N/A	ND	PASS

Continued on next page



DATE ISSUED 02/04/2025





Pesticide Analysis Continued

PESTICIDE TEST RESULTS - 02/02/2025 continued **⊘** PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (μg/g)	MEASUREMENT UNCERTAINTY (μg/g)	RESULT (µg/g)	RESULT
Etridiazole*	0.002 / 0.005	0.15	N/A	ND	PASS
Fenhexamid	0.003 / 0.008	≥LOQ	N/A	ND	PASS
Fenoxycarb	0.003/0.010	0.01	N/A	ND	PASS
Fenpyroximate	0.007/0.020	≥LOQ	N/A	ND	PASS
Fensulfothion	0.003/0.010	0.01	N/A	ND	PASS
Fenthion	0.003/0.010	0.01	N/A	ND	PASS
Fenvalerate [‡]	0.033 / 0.099	≥LOQ	N/A	ND	PASS
Fipronil	0.003/0.010	0.01	N/A	ND	PASS
Flonicamid	0.007/0.022	0.025	N/A	ND	PASS
Fludioxonil	0.003/0.010	0.01	N/A	ND	PASS
Fluopyram [‡]	0.003 / 0.009	0.01	N/A	ND	PASS
Hexythiazox	0.003/0.010	≥LOQ	N/A	ND	PASS
Imazalil	0.003 / 0.009	0.01	N/A	ND	PASS
Imidacloprid	0.003/0.010	0.01	N/A	ND	PASS
Iprodione	0.077 / 0.233	0.5	N/A	ND	PASS
Kinoprene	0.077 / 0.233	1.25	N/A	ND	PASS
Kresoxim-methyl	0.006/0.019	0.15	N/A	ND	PASS
λ-Cyhalothrin	0.068 / 0.206	≥LOQ	N/A	ND	PASS
Malathion	0.003 / 0.009	0.01	N/A	ND	PASS
Metalaxyl	0.003/0.010	0.01	N/A	ND	PASS
Methiocarb	0.003 / 0.008	0.01	N/A	ND	PASS
Methomyl	0.008 / 0.025	0.025	N/A	ND	PASS
Methoprene [‡]	0.172 / 0.521	≥LOQ	N/A	ND	PASS
Mevinphos	0.008/0.024	0.025	N/A	ND	PASS
MGK-264	0.015/0.047	≥LOQ	N/A	ND	PASS
Myclobutanil	0.003/0.009	0.01	N/A	ND	PASS
Naled	0.021/0.064	≥LOQ	N/A	ND	PASS
Novaluron	0.002 / 0.005	0.025	N/A	ND	PASS
Oxamyl	0.017/0.051	1.5	N/A	ND	PASS
Paclobutrazol	0.003 / 0.010	0.01	N/A	ND	PASS
Parathion-methyl	0.016 / 0.050	≥LOQ	N/A	ND	PASS
Pentachloronitro- benzene (Quintozene)*	0.004/0.012	≥LOQ	N/A	ND	PASS
Permethrin	0.056 / 0.168	≥LOQ	N/A	ND	PASS
Phenothrin	0.016 / 0.047	≥LOQ	N/A	ND	PASS
Phosmet	0.007/0.020	≥LOQ	N/A	ND	PASS
Piperonyl Butoxide	0.010/0.029	1.25	N/A	ND	PASS
Pirimicarb	0.003 / 0.009	0.01	N/A	ND	PASS
Prallethrin	0.015 / 0.046	≥LOQ	N/A	ND	PASS
Propiconazole	0.027 / 0.080	≥LOQ	N/A	ND	PASS
Propoxur	0.003 / 0.008	0.01	N/A	ND	PASS
Pyraclostrobin	0.003/0.010	0.01	N/A	ND	PASS

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Pesticide Analysis Continued

PESTICIDE TEST RESULTS - 02/02/2025 continued **⊘** PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (μg/g)	RESULT (µg/g)	RESULT
Pyrethrins	0.016 / 0.049	≥LOQ	N/A	ND	PASS
Pyridaben	0.005 / 0.017	0.02	N/A	ND	PASS
Pyriproxyfen	0.003 / 0.009	≥LOQ	N/A	ND	PASS
Resmethrin	0.013/0.039	0.05	N/A	ND	PASS
Spinetoram	0.003/0.010	0.01	N/A	ND	PASS
Spinosad	0.003/0.010	0.01	N/A	ND	PASS
Spirodiclofen	0.031 / 0.093	≥LOQ	N/A	ND	PASS
Spiromesifen	0.016 / 0.050	≥LOQ	N/A	ND	PASS
Spirotetramat	0.003/0.010	0.01	N/A	ND	PASS
Spiroxamine	0.020 / 0.062	≥LOQ	N/A	ND	PASS
Tebuconazole	0.003/0.010	0.01	N/A	ND	PASS
Tebufenozide	0.003 / 0.008	0.01	N/A	ND	PASS
Teflubenzuron	0.007/0.022	0.025	N/A	ND	PASS
Tetrachlorvinphos	0.003 / 0.008	0.01	N/A	ND	PASS
Tetramethrin	0.021 / 0.063	≥LOQ	N/A	ND	PASS
Thiabendazole	0.006 / 0.020	≥LOQ	N/A	ND	PASS
Thiacloprid	0.003 / 0.009	0.01	N/A	ND	PASS
Thiamethoxam	0.003/0.010	0.01	N/A	ND	PASS
Thiophanate-methyl	0.013 / 0.040	≥LOQ	N/A	ND	PASS
Trifloxystrobin	0.003 / 0.009	0.01	N/A	ND	PASS



Mycotoxin Analysis

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

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

MYCOTOXIN TEST RESULTS - 02/04/2025 PASS

COMPOUND	LOD/LOQ (µg/kg)	ACTION LIMIT (μg/kg)	MEASUREMENT UNCERTAINTY (μg/kg)	RESULT (µg/kg)	RESULT
Aflatoxin B1	1.6 / <mark>5.0</mark>	5	N/A	ND	PASS
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	5	N/A	ND	PASS
Total Aflatoxin		20		ND	PASS



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Residual Solvents Analysis

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

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

Total Heptanes = n.Butane + 2-Methylpropane (Isobutane)
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)

RESIDUAL SOLVENTS TEST RESULTS - 02/02/2025 **⊘** PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (μg/g)	MEASUREMENT UNCERTAINTY (μg/g)	RESULT (µg/g)	RESULT
Propane	0.234 / 0.781	1000	N/A	ND	PASS
2-Methylpropane (Isobutane)	0.052/0.173		N/A	ND	
n-Butane	0.019/0.063		N/A	ND	
Total Butanes		1000		ND	PASS
n-Pentane	0.310 / 1.033	1000	N/A	ND	PASS
n-Hexane	0.110 / 0.366	60	N/A	ND	PASS
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		N/A	ND	
Total Heptanes		1000		ND	PASS
Benzene	0.089/0.295	2	N/A	ND	PASS
Toluene	0.115/0.382	180	N/A	ND	PASS
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	
Total Xylenes		430		ND	PASS
Methanol	53.92 / 163.4	600	N/A	<loq< th=""><th>PASS</th></loq<>	PASS
Ethanol	8.984/27.23	1000	N/A	<loq< th=""><th>PASS</th></loq<>	PASS
2-Propanol (Isopropyl Alcohol)	8.421 / 25.52	1000	N/A	ND	PASS
Acetone	10.59 / 32.08	1000	N/A	ND	PASS
Ethyl Acetate	1.123 / 3.745	1000	N/A	ND	PASS



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 - 01/31/2025 PASS

COMPOUND	LO <mark>D/LOQ</mark> (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	1.5	N/A	ND	PASS





DATE ISSUED 02/07/2025



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

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

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

MICROBIOLOGY TEST RESULTS (PCR) - 02/07/2025 PASS

COMPOUND	ACTION LIMIT	RESULT	RESULT
Salmonella spp.	Not Detected in 1g	ND	PASS
Shiga toxin-producing Escherichia coli	Not Detected in 1g	ND	PASS

MICROBIOLOGY TEST RESULTS (PLATING) - 02/07/2025 ND

COMPOUND	(cfu/g)
Coliforms	ND
Total Aerobic Bacteria	ND
Total Yeast and Mold	ND