

Hemp Quality Assurance Testing

CERTIFICATE OF ANALYSIS

DATE ISSUED 04/10/2024

SAMPLE NAME: Cannadips CBD - Mint

Infused, Non-Inhalable

CULTIVATOR / MANUFACTURER

Business Name: License Number:

Address:

SAMPLE DETAIL

Batch Number: 1MT030 Sample ID: 240402N011 **DISTRIBUTOR / TESTED FOR**

Business Name: Boldt Runners

Corporation

License Number:

Address: 4665 West End Rd.

Arcata CA 95521

Date Collected: 04/02/2024 **Date Received:** 04/03/2024

Batch Size:

Sample Size: 8.0 units

Unit Mass: 8.25 grams per Unit **Serving Size:** 0.55 grams per Serving

Counted poor



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: Not Detected

Total CBD: 158.606 mg/unit

Sum of Cannabinoids: 158.978 mg/unit

Total Cannabinoids: 158.978 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: $\sum_{i=1}^{\infty} (1+i)^{i} \int_{-\infty}^{\infty} (1+i)^{i} dx^{i} dx^{i}$

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

SAFETY ANALYSIS - SUMMARY

 Δ^9 -THC per Unit: \bigcirc PASS

Residual Solvents: PASS

Microbiology (Plating): DETECTED

Pesticides: PASS

Heavy Metals: PASS

Foreign Material: PASS

Mycotoxins: PASS

Microbiology (PCR): PASS

Water Activity: 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: 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.

 $\label{eq:References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT), too numerous to count > 250 cfu/plate (TNTC), colony-forming unit (cfu)$

LQC verified by: Josh Antunovich Job Title: Laboratory Director Date: 04/10/2024 Approved by: Josh Wurzer
Job Title: Chief Compliance Officer
Date: 04/10/2024









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: Not Detected Total THC (Δ9-THC+0.877*THCa)

TOTAL CBD: 158.606 mg/unit

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 158.978 mg/unit

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

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: 0.371 mg/unit Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 04/04/2024

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	±0.7171	19.225	1.9225
CBDV	0.002 / 0.012	±0.0018	0.045	0.0045
Δ ⁹ -THC	0.002 / 0.014	N/A	ND	ND
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
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 CANNA	BINOIDS	-	19.270 mg/g	1.927%

Unit Mass: 8.25 grams per Unit / Serving Size: 0.55 grams per Serving

Δ^9 -THC per Unit	1100 per-package limit	ND	PASS	
Δ^9 -THC per Serving		ND		
Total THC per Unit		ND		
Total THC per Serving	ND			
CBD per Unit	158.606 mg/unit			
CBD per Serving	10.574 mg/serving			
Total CBD per Unit	158.606 mg/unit			
Total CBD per Serving	10.574 mg/serving			
Sum of Cannabinoids per Unit	158.978 mg/unit			
Sum of Cannabinoids per Serving	10.599 mg/serving			
Total Cannabinoids per Unit	158.978 mg/unit			
Total Cannabinoids per Serving	10.599 mg/serving			









Pesticide Analysis

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS) or gas chromatography-mass spectrometry (GC-MS).

*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 - 04/06/2024 PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (μg/g)	MEASUREMENT UNCERTAINTY (μg/g)	RESULT (μg/g)	RESULT
Abamectin	0.032 / 0.097	0.3	N/A	ND	PASS
Acephate	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 / 0.090	≥ 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	PASS
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
Buprofezin	0.006/0.019		N/A	ND	
Captan	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
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	
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	
Coumaphos	0.003/0.010	≥LOD	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	
Daminozide	0.026 / 0.077	≥LOD	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	
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	
Endosulfan-β*	0.006 / 0.019		N/A	ND	

Continued on next page









Pesticide Analysis Continued

PESTICIDE TEST RESULTS - 04/06/2024 continued **⊘** PASS

Ethoprophos 0.003 / 0.009 ≥ LOD N/A ND PASS Etochaprox 0.014 / 0.042 ≥ LOD N/A ND PASS Etoxazole 0.007 / 0.020 1.5 N/A ND PASS Etridiazole* 0.002 / 0.008 10 N/A ND PASS Fenhexamid 0.003 / 0.008 10 N/A ND PASS Fenoxycarb 0.003 / 0.010 ≥ LOD N/A ND PASS Fensulfothion 0.003 / 0.010 ≥ LOD N/A ND PASS Fensulfothion 0.003 / 0.010 ≥ LOD N/A ND PASS Fludioxonil 0.003 / 0.010 3 N/A ND PASS Fludioxonil 0.003 / 0.000 2 N/A ND <	COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (μg/g)	MEASUREMENT UNCERTAINTY (μg/g)	RESULT (μg/g)	RESULT
Etoxazole 0.007/0.020 1.5 N/A ND PASS Etridiazole* 0.002/0.005 N/A ND PASS Fenhexamid 0.003/0.008 10 N/A ND PASS Fenpoycrycharb 0.003/0.010 ≥ LOD N/A ND PASS Fenspyroximate 0.007/0.020 2 N/A ND PASS Fensulfothion 0.003/0.010 N/A ND PASS Fenthion 0.003/0.010 N/A ND PASS Fenthion 0.003/0.010 ≥ LOD N/A ND PASS Findicamid 0.003/0.010 30 N/A ND PASS Fludioxonil 0.003/0.009 30 N/A ND PASS Fludioxonil 0.003/0.000 <td< th=""><th>Ethoprophos</th><th>0.003 / 0.009</th><th>≥LOD</th><th>N/A</th><th>ND</th><th>PASS</th></td<>	Ethoprophos	0.003 / 0.009	≥LOD	N/A	ND	PASS
Etridiazole*	Etofenprox	0.014/0.042	≥LOD	N/A	ND	PASS
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 PASS Findiaclerate 0.003/0.010 ≥ LOD N/A ND PASS Fludioxonil 0.003/0.010 30 N/A ND PASS Fludioxonil 0.003/0.010 2 N/A ND PASS Fludioxonil 0.003/0.010 2 N/A ND PASS Imazali 0.003/0.010 3 N/A ND PASS Imazali 0.003/0.010 3 N/A ND PASS Imazali	Etoxazole	0.007/0.020	1.5	N/A	ND	PASS
Fenoxycarb 0.003/0.010 ≥LOD N/A ND PASS	Etridiazole*	0.002 / 0.005		N/A	ND	
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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 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 ≥ LOD N/A ND PASS Imazalil 0.003 / 0.010 2 N/A ND PASS Imidacloprid 0.003 / 0.010 3 N/A ND PASS Iprodione 0.077 / 0.233 N/A ND ND Kresoxim-methyl 0.006 / 0.019 1 N/A ND PASS λ-Cyhalothrin 0.068 / 0.206 N/A ND PASS Metalaxyl 0.003 / 0.009 5 N/A ND PASS Methonyl 0.003 / 0.009 5 N/A ND	Fenoxycarb	0.003/0.010	≥LOD	N/A	ND	PASS
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Fipronil 0.003/0.010 ≥LOD N/A ND PASS	Fenthion	0.003/0.010		N/A	ND	
Flonicamid 0.007 / 0.022 2 N/A	Fenvalerate	0.033 / 0.099		N/A	ND	
Fludioxonil 0.003/0.010 30 N/A ND PASS	Fipronil	0.003/0.010	≥LOD	N/A	ND	PASS
Fluopyram	Flonicamid	0.007/0.022	2	N/A	ND	PASS
Hexythiazox	Fludioxonil	0.003/0.010	30	N/A	ND	PASS
Imazalil 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 Malathion 0.068 / 0.206 N/A ND PASS Metalaxyl 0.003 / 0.009 5 N/A ND PASS Methograb 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 PASS Methoprene 0.017 / 0.0521 N/A ND PASS MGK-264 0.015 / 0.047 N/A ND PASS Naled 0.021 / 0.064 0.5 N/A ND PASS Novaluron 0.002 / 0.005 N/A ND PASS	Fluopyram	0.003 / 0.009		N/A	ND	
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Iprodione 0.077 / 0.233 N/A ND	lmazalil	0.003/0.009	≥LOD	N/A	ND	PASS
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 ND 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 PASS MGK-264 0.015 / 0.047 N/A ND PASS Mgclobutanil 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 PASS Paclobutrazol 0.003 / 0.010 ≥ LOD N/A ND PASS Parathion-methyl	Imidacloprid	0.003 / 0.010	3	N/A	ND	PASS
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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 ND Mevinphos 0.008 / 0.024 ≥ LOD N/A ND PASS MGK-264 0.015 / 0.047 N/A ND PASS Naled 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 PASS Paclobutrazol 0.007 / 0.051 0.2 N/A ND PASS Parathion-methyl 0.016 / 0.050 ≥ LOD N/A ND PASS Permethrin 0.056 / 0.168 20 N/A ND PASS Phenothrin 0.016 / 0.047 N/A ND ND	λ -Cyhalothrin	0.068 / 0.206		N/A	ND	
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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 ND PASS 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 PASS Paclobutrazol 0.017/0.051 0.2 N/A ND PASS Parathion-methyl 0.016/0.050 ≥ LOD N/A ND PASS Pentachloronitrobenzene* 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 ND	Metalaxyl	0.003/0.010	15	N/A	ND	PASS
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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 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 Pentachloronitrobenzene* 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 ND	Methoprene	0.172 / 0.521		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 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 Pentachloronitrobenzene* 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 ND	Mevinphos	0.008/0.024	≥LOD	N/A	ND	PASS
Naled 0.021/0.064 0.5 N/A ND PASS Novaluron 0.002/0.005 N/A ND 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 Pentachloronitrobenzene* 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 ND	MGK-264	0.015 / 0.047		N/A	ND	
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 Pentachloronitrobenzene* 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 ND	Myclobutanil	0.003 / 0.009	9	N/A	ND	PASS
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 Pentachloronitrobenzene* 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 ND	Naled	0.021 / 0.064	0.5	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 Pentachloronitrobenzene* 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 ND	Novaluron	0.002 / 0.005		N/A	ND	
Parathion-methyl 0.016 / 0.050 ≥ LOD N/A ND PASS Pentachloronitrobenzene* 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 ND	Oxamyl	0.017/0.051	0.2	N/A	ND	PASS
Pentachloronitrobenzene* 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	Paclobutrazol	0.003/0.010	≥LOD	N/A	ND	PASS
Permethrin 0.056/0.168 20 N/A ND PASS Phenothrin 0.016/0.047 N/A ND	Parathion-methyl	0.016 / 0.050	≥LOD	N/A	ND	PASS
Phenothrin 0.016/0.047 N/A ND	Pentachloronitrobenzene*	0.004/0.012	0.2	N/A	ND	PASS
	Permethrin	0.056 / 0.168	20	N/A	ND	PASS
Phoemat 0.007 / 0.020 0.2 N/A ND PASS	Phenothrin	0.016 / 0.047		N/A	ND	
Filosinet 0.0077 0.020 0.2 N/A ND FA33	Phosmet	0.007/0.020	0.2	N/A	ND	PASS
Piperonyl Butoxide 0.010 / 0.029 8 N/A ND PASS	Piperonyl Butoxide	0.010/0.029	8	N/A	ND	PASS
Pirimicarb 0.003 / 0.009 N/A ND	Pirimicarb	0.003/0.009		N/A	ND	
Prallethrin 0.015 / 0.046 0.4 N/A ND PASS	Prallethrin	0.015 / 0.046	0.4	N/A	ND	PASS

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Pesticide Analysis Continued

PESTICIDE TEST RESULTS - 04/06/2024 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: QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS

MYCOTOXIN TEST RESULTS - 04/06/2024 **⊘ 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	
Total Aflatoxin		20		ND	PASS
Ochratoxin A	1.6 / 5.0	20	N/A	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 Butanes = n-Butane + 2-Methylpropane (Isobutane)
Total Pentanes = n-Pentane + 2-Methylbutane (Isopentane)
Total Hexanes = n-Hexane + 2,2-Dimethylbutane (Neohexane) + 2,3-Dimethylbutane / 2-Methylpentane (Isohexane) + 3-Methylpentane

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 - 04/06/2024 **⊘** 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	±0.0285	0.689	PASS
Total Butanes				0.689	
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	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	±0.0099	0.726	PASS
Cumene	0.180 / 0.600		N/A	ND	
1,3-Dimethylbenzene / 1,4-Dimethylbenzene	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	N/A	ND	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 - 04/06/2024 continued PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT 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	<loq< td=""><td>PASS</td></loq<>	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 / 1.355		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 - 04/08/2024 **⊘** 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	±0.01	0.2	PASS
Cadmium	0.02/0.05	0.5	N/A	ND	PASS
Lead	0.04/0.1	0.5	±0.00	0.3	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

Exclusions¹ see last page

MICROBIOLOGY TEST RESULTS (PCR) - 04/09/2024 PASS

COMPOUND	ACTION LIMIT (cfu/g)	RESULT (cfu/g)	RESULT
Shiga toxin-producing Escherichia coli	Not Detected in 25g	ND	PASS
Salmonella spp.	Not Detected in 25g	ND	PASS
Aspergillus fumigatus	Not Detected in 1g	ND	PASS
Aspergillus flavus	Not Detected in 1g	ND	PASS
Aspergillus niger	Not Detected in 1g	ND	PASS
Aspergillus terreus	Not Detected in 1g	ND	PASS
Candida albicans		ND	
Campylobacter spp.		ND	
Yersinia spp.		ND	
Listeria monocytogenes		ND	-
Bile-Tolerant Gram-Negative Bacteria		ND	
Staphylococcus aureus		ND	

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

Method: QSP 6794 - Plating with 3M™ Petrifilm™

MICROBIOLOGY TEST RESULTS (PLATING) - 04/09/2024 DETECTED

COMPOUND	(cfu/g)
Total Aerobic Bacteria	4600.0
Total Yeast and Mold	ND
Total Enterobacteriaceae	ND
Escherichia coli	ND
Coliforms	ND



Foreign Material Analysis

Visual analysis includes, but is not limited to, sand, soil, cinders, dirt, mold, hair, insect fragments, and mammalian excreta.

Method: QSP 1226 - Analysis of Foreign Material in Cannabis and Cannabis Products

FOREIGN MATERIAL TEST RESULTS - 04/04/2024 PASS

COMPOUND	ACTION LIMIT	RESULT (per 3 Grams)	RESULT
Total Sample Area Covered by Sand, Soil, Cinders, or Dirt	>25%	None	PASS
Total Sample Area Covered by Mold	>25%	None	PASS
Total Sample Area Covered by an Imbedded Foreign Material	>25%	None	PASS
Insect Fragment Count	> 1 per 3 grams	0.0	PASS
Hair Count	> 1 per 3 grams	0.0	PASS
Mammalian Excreta Count	> 1 per 3 grams	0.0	PASS



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Water Activity Analysis

WATER ACTIVITY TEST RESULTS - 04/08/2024 PASS

Method: QSP 1227 - Analysis of Water Activity in Cannabis and Cannabis Products

	COMPOUND	LOD/LOQ (Aw)	ACTION LIMIT (Aw)	MEASUREMENT UNCERTAINTY (Aw)	RESULT (Aw)	RESULT
	Water Activity	0.030 / 0.15	0.85	±0.015	0.31	PASS

NOTES

1. Exclusions: Action limit ignored/removed for Total Aerobic Bacteria and Total Yeast and Mold.