SC Labs®

Hemp Quality Assurance Testing
CERTIFICATE OF ANALYSIS

DATE ISSUED 03/31/2025

SAMPLE DETAILS

SAMPLE NAME: Kiva Camino Hemp Midnight Blueberry

Infused, Solid Edible

CULTIVATOR / MANUFACTURER

Business Name: Atlantic Candy Company

License Number:

Address:
St Augustine FL 32086

DISTRIBUTOR / TESTED FOR

Business Name: Kiva Products, LLC

License Number:

Address: 2300 N Loop Rd.
Alameda CA 94502

SAMPLE DETAIL

Batch Number: KV02250319-54702

Sample ID: 250321L011

Date Collected: 03/21/2025

Date Received: 03/21/2025

Batch Size:

Sample Size: 1.0 units

Unit Mass: 71.2 grams per Unit

Serving Size: 3.56 grams per Serving

Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 107.726 mg/unit

Total CBD: Not Detected

Sum of Cannabinoids: 131.435 mg/unit

Total Cannabinoids: 131.435 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 = (Δ^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

TERPENOID ANALYSIS - SUMMARY

39 TESTED, TOP 3 HIGHLIGHTED

Total Terpenoids: <LOQ

Linalool <LOQ

SAFETY ANALYSIS - SUMMARY

Δ^9-THC per Unit: PASS	Δ^9-THC per Serving: PASS	Pesticides: PASS	Mycotoxins: PASS
Residual Solvents: PASS	Heavy Metals: PASS	Microbiology (PCR): PASS	Microbiology (Plating): ND
Foreign Material: 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.

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

LQC verified by: Carmen Stackhouse
Job Title: Senior Laboratory Analyst
Date: 03/31/2025

Approved by: Josh Wurzer
Job Title: Chief Compliance Officer
Date: 03/31/2025

Amendment to Certificate of Analysis 250321L011-004

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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: 107.726 mg/unit
Total THC (Δ^9-THC+0.877*THCa)

TOTAL CBD: Not Detected
Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 131.435 mg/unit
Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ^8-THC + CBL + CBN

TOTAL CBG: 2.421 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: ND
Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 03/25/2025

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
Δ^9-THC	*0.002 / 0.014*	*±0.0831*	**1.513**	**0.1513**
CBN	*0.001 / 0.007*	*±0.0086*	**0.299**	**0.0299**
CBG	*0.002 / 0.006*	*±0.0016*	**0.034**	**0.0034**
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**
CBD	*0.004 / 0.011*	*N/A*	**ND**	**ND**
CBDa	*0.001 / 0.026*	*N/A*	**ND**	**ND**
CBDV	*0.002 / 0.012*	*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**
CBC	*0.003 / 0.010*	*N/A*	**ND**	**ND**
CBCa	*0.001 / 0.015*	*N/A*	**ND**	**ND**
SUM OF CANNABINOIDS			**1.846 mg/g**	**0.1846%**

Unit Mass: 71.2 grams per Unit / Serving Size: 3.56 grams per Serving

Δ^9-THC per Unit	*110 per-package limit*	**107.726 mg/unit**	**PASS**
Δ^9-THC per Serving		**5.386 mg/serving**	**PASS**
Total THC per Unit		**107.726 mg/unit**	
Total THC per Serving		**5.386 mg/serving**	
CBD per Unit		**ND**	
CBD per Serving		**ND**	
Total CBD per Unit		**ND**	
Total CBD per Serving		**ND**	
Sum of Cannabinoids per Unit		**131.435 mg/unit**	
Sum of Cannabinoids per Serving		**6.572 mg/serving**	
Total Cannabinoids per Unit		**131.435 mg/unit**	
Total Cannabinoids per Serving		**6.572 mg/serving**	

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Terpenoid Analysis

Terpene analysis utilizing gas chromatography-flame ionization detection (GC-FID).

Method: QSP 1192 - Analysis of Terpenoids by GC-FID

1 Linalool

A monoterpenoid alcohol with a fragrance that can be described as spicy, waxy, citrus and floral. It is commonly used as an insecticide against cockroaches, flies, fleas and other insects. Found in bail, lavender, cinnamon, hops, mugwort, goldenrods...etc.

TERPENOID TEST RESULTS - 03/26/2025

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
Linalool	*0.009 / 0.036*	*N/A*	<LOQ	<LOQ
α-Bisabolol	*0.008 / 0.026*	*N/A*	ND	ND
α-Cedrene	*0.005 / 0.016*	*N/A*	ND	ND
α-Humulene	*0.009 / 0.180*	*N/A*	ND	ND
α-Phellandrene	*0.006 / 0.036*	*N/A*	ND	ND
α-Pinene	*0.005 / 0.036*	*N/A*	ND	ND
α-Terpinene	*0.005 / 0.017*	*N/A*	ND	ND
β-Caryophyllene	*0.004 / 0.012*	*N/A*	ND	ND
β-Ocimene	*0.006 / 0.025*	*N/A*	ND	ND
β-Pinene	*0.004 / 0.014*	*N/A*	ND	ND
Borneol	*0.005 / 0.016*	*N/A*	ND	ND
Camphene	*0.005 / 0.015*	*N/A*	ND	ND
Camphor	*0.006 / 0.036*	*N/A*	ND	ND
Caryophyllene Oxide	*0.010 / 0.033*	*N/A*	ND	ND
Cedrol	*0.008 / 0.027*	*N/A*	ND	ND
Citronellol	*0.003 / 0.036*	*N/A*	ND	ND
Δ^3-Carene	*0.005 / 0.018*	*N/A*	ND	ND
Eucalyptol	*0.006 / 0.018*	*N/A*	ND	ND
Fenchol	*0.010 / 0.036*	*N/A*	ND	ND
Fenchone	*0.009 / 0.036*	*N/A*	ND	ND
γ-Terpinene	*0.006 / 0.018*	*N/A*	ND	ND
Geraniol	*0.002 / 0.036*	*N/A*	ND	ND
Geranyl Acetate	*0.004 / 0.036*	*N/A*	ND	ND
Guaiol	*0.009 / 0.030*	*N/A*	ND	ND
Isoborneol	*0.004 / 0.012*	*N/A*	ND	ND
Isopulegol	*0.005 / 0.036*	*N/A*	ND	ND
Limonene	*0.005 / 0.036*	*N/A*	ND	ND
Menthol	*0.008 / 0.025*	*N/A*	ND	ND
Myrcene	*0.008 / 0.025*	*N/A*	ND	ND
Nerol	*0.003 / 0.036*	*N/A*	ND	ND
Nerolidol	*0.006 / 0.021*	*N/A*	ND	ND
p-Cymene	*0.005 / 0.016*	*N/A*	ND	ND
Pulegone	*0.003 / 0.011*	*N/A*	ND	ND
Sabinene	*0.004 / 0.014*	*N/A*	ND	ND
Sabinene Hydrate	*0.006 / 0.036*	*N/A*	ND	ND
Terpineol	*0.009 / 0.031*	*N/A*	ND	ND
Terpinolene	*0.008 / 0.036*	*N/A*	ND	ND
trans-β-Farnesene	*0.008 / 0.025*	*N/A*	ND	ND
Valencene	*0.009 / 0.180*	*N/A*	ND	ND
TOTAL TERPENOIDS			<LOQ	<LOQ

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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 - 03/27/2025 PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Abamectin	0.032 / 0.097	0.3	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	

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Pesticide Analysis *Continued*

PESTICIDE TEST RESULTS - 03/27/2025 *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
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	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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Pesticide Analysis *Continued*

PESTICIDE TEST RESULTS - 03/27/2025 *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: QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS

MYCOTOXIN TEST RESULTS - 03/26/2025 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

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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) + 2,2-Dimethylpropane (Neopentane)
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) + Ethylbenzene

RESIDUAL SOLVENTS TEST RESULTS - 03/27/2025 **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*	*±41.198*	2640.87	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 Analysis
Continued

RESIDUAL SOLVENTS TEST RESULTS - 03/27/2025 *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	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 / 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 - 03/26/2025 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
Boron	0.21 / 0.64		N/A	ND	
Cadmium	0.02 / 0.05	0.5	N/A	ND	PASS
Chromium	0.12 / 0.35		N/A	ND	
Cobalt	0.10 / 0.30		N/A	ND	
Copper	0.14 / 0.44		±0.141	0.98	
Lead	0.04 / 0.1	0.5	N/A	ND	PASS
Lithium	0.10 / 0.31		N/A	ND	
Manganese	0.13 / 0.40		N/A	ND	
Mercury	0.002 / 0.01	3	N/A	ND	PASS

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Heavy Metals Analysis *Continued*

HEAVY METALS TEST RESULTS - 03/26/2025 *continued* PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Molybdenum	*0.15 / 0.44*		*N/A*	ND	
Nickel	*0.13 / 0.39*		*N/A*	ND	
Selenium	*0.5 / 1.5*		*N/A*	ND	
Silver	*0.15 / 0.47*		*N/A*	ND	
Sulfur	*78 / 235*		*N/A*	<LOQ	
Titanium	*0.12 / 0.38*		*N/A*	ND	
Tungsten	*0.10 / 0.32*		*N/A*	ND	
Zinc	*0.8 / 2.5*		*N/A*	ND	

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) - 03/29/2025 PASS

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

Analysis conducted by 3M™ Petrifilm™ and plate counts of microbiological contaminants.

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

MICROBIOLOGY TEST RESULTS (PLATING) - 03/29/2025 **ND**

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

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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 - 03/25/2025 **PASS**

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

Water Activity Analysis

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

WATER ACTIVITY TEST RESULTS - 03/25/2025 **PASS**

COMPOUND	LOD/LOQ (Aw)	ACTION LIMIT (Aw)	MEASUREMENT UNCERTAINTY (Aw)	RESULT (Aw)	RESULT
Water Activity	*0.030 / 0.15*	*0.85*	*±0.034*	0.70	PASS

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

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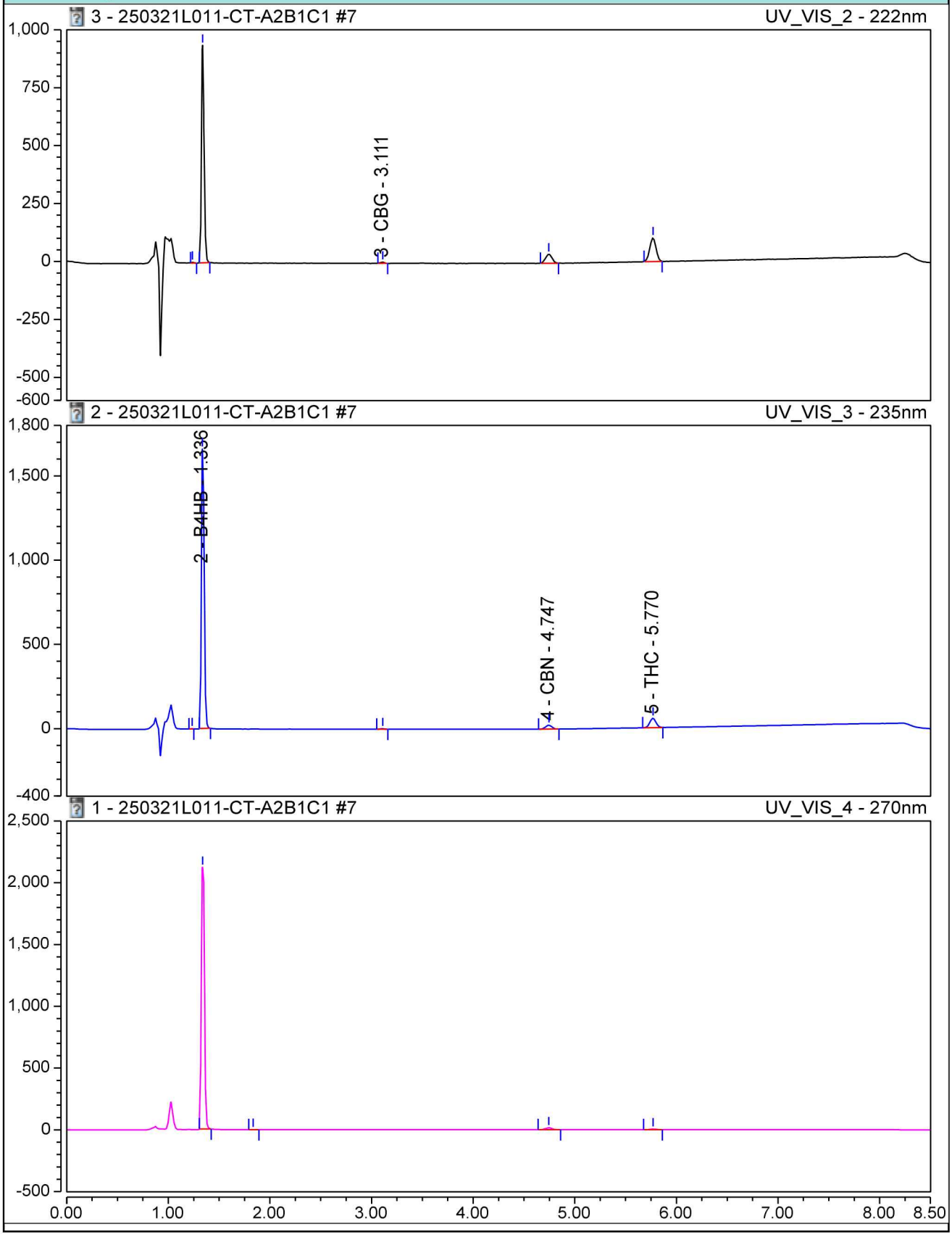
Cannabinoids: Sample Raw Data

Injection Name: 250321L011-CT-A2B1C1 | **Injection Time: 24/03/2025 21:39**

Chromatogram | **Vial Position: RD2**

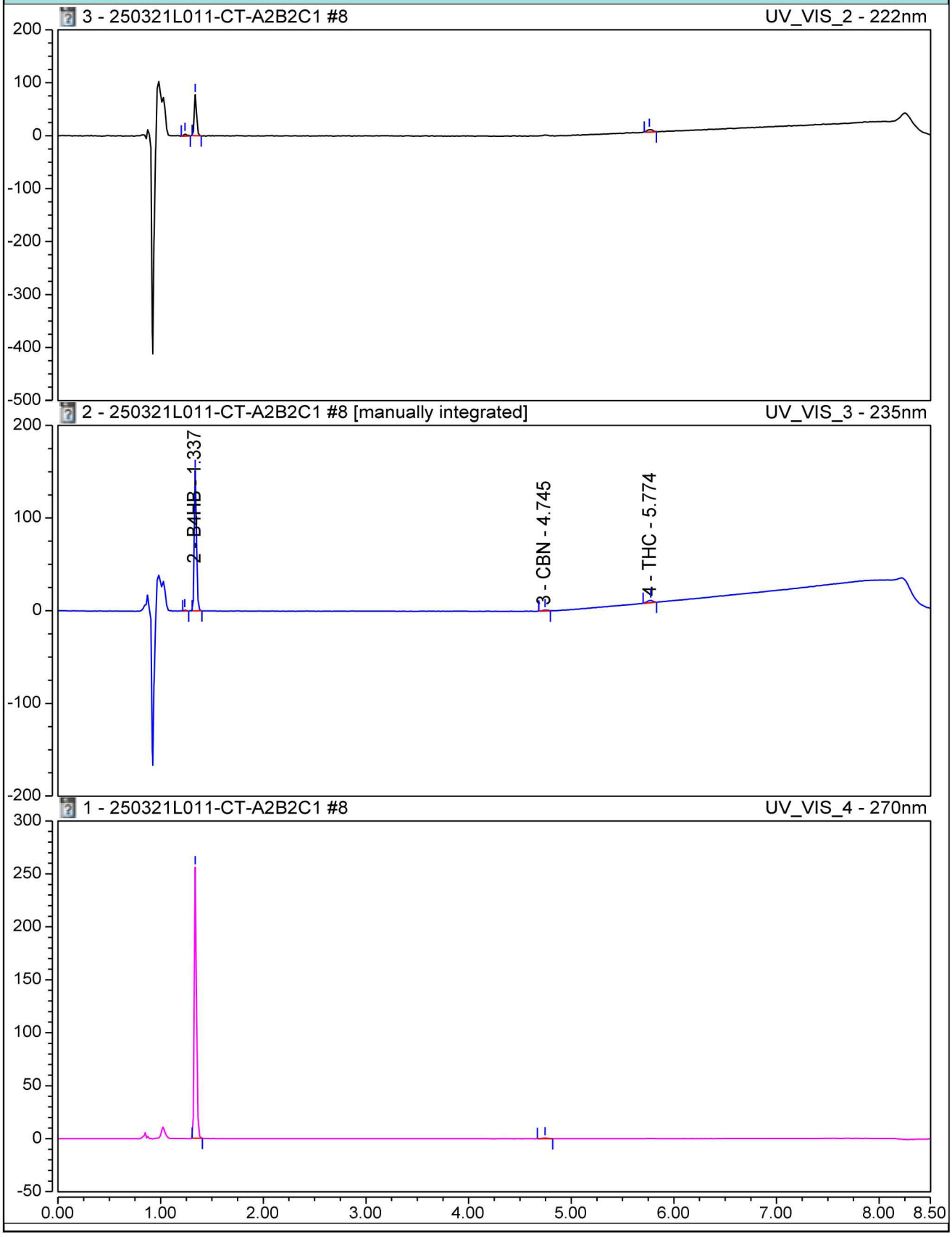


Injection Name: 250321L011-CT-A2B1C1					Injection Time:	24/03/2025 21:39
Raw Data Table					Vial Position:	RD2
Peak No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Amount ug/mL	Wavelength nm
UV_VIS_2	UV_VIS_2	UV_VIS_2	UV_VIS_2	UV_VIS_2	UV_VIS_2	UV_VIS_2
3	CBG	3.111	0.210	4.824	1.0183	222.0
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Amount ug/mL	Wavelength nm
UV_VIS_3	UV_VIS_3	UV_VIS_3	UV_VIS_3	UV_VIS_3	UV_VIS_3	UV_VIS_3
2	B4HB	1.336	54.740	1657.416	651.8603	235.0
4	CBN	4.747	1.739	23.165	8.8758	235.0
5	THC	5.770	3.955	55.658	46.7791	235.0
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Amount ug/mL	Wavelength nm
UV_VIS_4	UV_VIS_4	UV_VIS_4	UV_VIS_4	UV_VIS_4	UV_VIS_4	UV_VIS_4

Cannabinoids: Sample Raw Data

Injection Name: 250321L011-CT-A2B2C1
Chromatogram

Injection Time: 24/03/2025 21:48
Vial Position: RD3



Injection Name: 250321L011-CT-A2B2C1					Injection Time:	24/03/2025 21:48
Raw Data Table					Vial Position:	RD3
Peak No.	Peak Name	Retention Time	Area	Height	Amount	Wavelength
		min	mAU*min	mAU	ug/mL	nm
UV_VIS_2	UV_VIS_2	UV_VIS_2	UV_VIS_2	UV_VIS_2	UV_VIS_2	UV_VIS_2
No.	Peak Name	Retention Time	Area	Height	Amount	Wavelength
		min	mAU*min	mAU	ug/mL	nm
UV_VIS_3	UV_VIS_3	UV_VIS_3	UV_VIS_3	UV_VIS_3	UV_VIS_3	UV_VIS_3
2	B4HB	1.337	3.768	151.360	44.6119	235.0
3	CBN	4.745	0.062	1.132	0.3139	235.0
4	THC	5.774	0.164	2.531	2.0027	235.0
No.	Peak Name	Retention Time	Area	Height	Amount	Wavelength
		min	mAU*min	mAU	ug/mL	nm
UV_VIS_4	UV_VIS_4	UV_VIS_4	UV_VIS_4	UV_VIS_4	UV_VIS_4	UV_VIS_4