SC Labs®

Hemp Quality Assurance Testing
CERTIFICATE OF ANALYSIS

DATE ISSUED 05/21/2026

SAMPLE DETAILS

SAMPLE NAME: 10:5 Peanut Butter Chocolate Squares

Infused, Solid Edible

CULTIVATOR / MANUFACTURER

Business Name:
License Number:
Address:

DISTRIBUTOR / TESTED FOR

Business Name: Hometown Hero
License Number:
Address:

SAMPLE DETAIL

Batch Number: PBS126/5010
Sample ID: 260504L038

Date Collected: 05/04/2026
Date Received: 05/04/2026
Batch Size:
Sample Size: 6.0 units
Unit Mass: 23 grams per Unit
Serving Size: 23 grams per Serving

Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 11.109 mg/unit

Total CBD: 5.934 mg/unit

Sum of Cannabinoids: 17.043 mg/unit

Total Cannabinoids: 17.043 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

SAFETY ANALYSIS - SUMMARY

Δ^9-THC per Unit: PASS
Pesticides: PASS
Mycotoxins: PASS
Residual Solvents: PASS
Heavy Metals: PASS
Microbiology (PCR): ND
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), µg/g = ppm, µg/kg = ppb, too numerous to count >250 cfu/plate (TNTC), colony-forming unit (cfu)

Approved by: Daniel Hardwick
Job Title: Technical Lead
Date: 05/21/2026

Amendment to Certificate of Analysis 260504L038-007

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: 11.109 mg/unit

Total THC (Δ^9-THC+0.877*THCa)

TOTAL CBD: 5.934 mg/unit

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 17.043 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: ND

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 05/05/2026

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
Δ^9-THC	*0.040 / 0.280*	*±0.0265*	**0.483**	**0.0483**
CBD	*0.080 / 0.220*	*±0.0096*	**0.258**	**0.0258**
Δ^8-THC	*0.20 / 0.40*	*N/A*	**ND**	**ND**
THCa	*0.020 / 0.100*	*N/A*	**ND**	**ND**
THCV	*0.040 / 0.240*	*N/A*	**ND**	**ND**
THCVa	*0.040 / 0.380*	*N/A*	**ND**	**ND**
CBDa	*0.020 / 0.520*	*N/A*	**ND**	**ND**
CBDV	*0.040 / 0.240*	*N/A*	**ND**	**ND**
CBDVa	*0.020 / 0.360*	*N/A*	**ND**	**ND**
CBG	*0.040 / 0.120*	*N/A*	**ND**	**ND**
CBGa	*0.040 / 0.140*	*N/A*	**ND**	**ND**
CBL	*0.060 / 0.200*	*N/A*	**ND**	**ND**
CBN	*0.020 / 0.140*	*N/A*	**ND**	**ND**
CBC	*0.060 / 0.200*	*N/A*	**ND**	**ND**
CBCa	*0.020 / 0.300*	*N/A*	**ND**	**ND**
SUM OF CANNABINOIDS			**0.741 mg/g**	**0.0741%**

Unit Mass: 23 grams per Unit / Serving Size: 23 grams per Serving

Δ^9-THC per Unit	*110 per-package limit*	**11.109 mg/unit**	**PASS**
Δ^9-THC per Serving		**11.109 mg/serving**	
Total THC per Unit		**11.109 mg/unit**	
Total THC per Serving		**11.109 mg/serving**	
CBD per Unit		**5.934 mg/unit**	
CBD per Serving		**5.934 mg/serving**	
Total CBD per Unit		**5.934 mg/unit**	
Total CBD per Serving		**5.934 mg/serving**	
Sum of Cannabinoids per Unit		**17.043 mg/unit**	
Sum of Cannabinoids per Serving		**17.043 mg/serving**	
Total Cannabinoids per Unit		**17.043 mg/unit**	
Total Cannabinoids per Serving		**17.043 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 - 05/11/2026 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 - 05/11/2026 *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	<LOQ	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 - 05/11/2026 *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 - 05/11/2026 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 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 - 05/12/2026 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	
n-Pentane	*0.310 / 1.033*	*5000*	*N/A*	ND	PASS
n-Hexane	*0.110 / 0.366*	*290*	*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*	*5000*	*N/A*	ND	PASS
Total Heptanes				ND	
Benzene	*0.089 / 0.295*	*1*	*N/A*	ND	PASS
Toluene	*0.115 / 0.382*	*890*	*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		*2170*		ND	PASS
Methanol	*53.92 / 163.4*	*3000*	*N/A*	ND	PASS
Ethanol	*8.984 / 27.23*	*5000*	*N/A*	ND	PASS
2-Propanol (Isopropyl Alcohol)	*8.421 / 25.52*	*5000*	*N/A*	ND	PASS
Acetone	*10.59 / 32.08*	*5000*	*N/A*	ND	PASS
Ethyl Acetate	*1.123 / 3.745*	*5000*	*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 - 05/09/2026 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*	*±0.002*	0.07	PASS
Lead	*0.04 / 0.1*	*0.5*	*N/A*	ND	PASS
Mercury	*0.002 / 0.01*	*3*	*N/A*	ND	PASS

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) - 05/10/2026 **ND**

COMPOUND	RESULT
Campylobacter spp.	ND
Listeria monocytogenes	ND
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) - 05/10/2026 **ND**

COMPOUND	RESULT (cfu/g)
Escherichia coli	ND
Total Yeast and Mold	ND

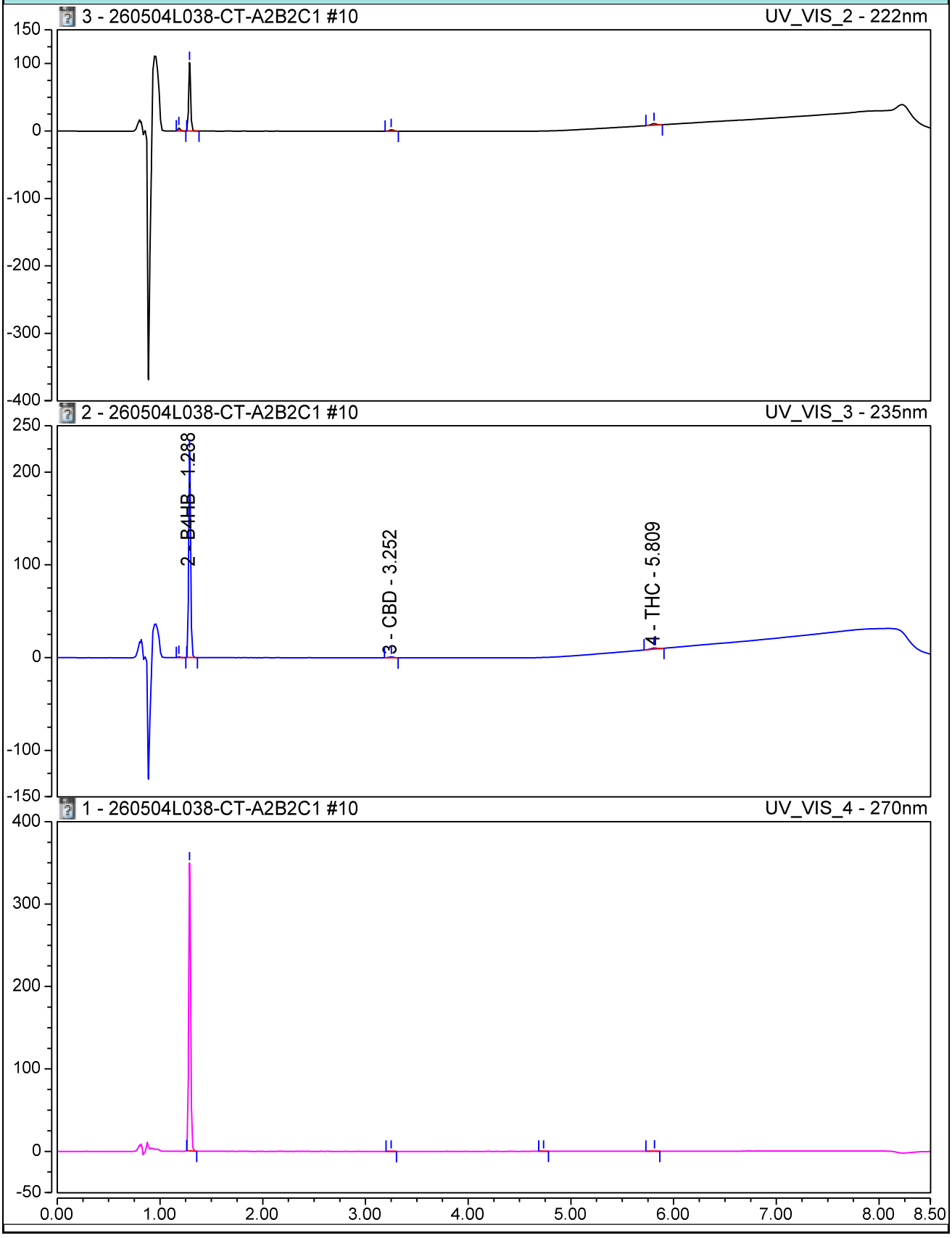
NOTES

Reason for Amendment: Reported Assay(s) Change Sample serving mass provided by client. Manufacturer Expiration Date is 12 months from the date of this COA

Cannabinoids: Sample Raw Data

Injection Name: 260504L038-CT-A2B2C1 | **Injection Time:** 05/05/2026 12:48

Chromatogram | **Vial Position:** R:A8



Injection Name: 260504L038-CT-A2B2C1					Injection Time:	05/05/2026 12:48
Raw Data Table					Vial Position:	R:A8
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	1.288	4.742	223.306	49.7108	235.0
3	CBD	3.252	0.047	0.974	0.6339	235.0
4	THC	5.809	0.076	1.206	1.1870	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