SC Labs®

Hemp Regulatory Compliance Testing
CERTIFICATE OF ANALYSIS

DATE ISSUED 07/02/2025

SAMPLE DETAILS

SAMPLE NAME: CR+ Full Spectrum Tincture - Calm - Mango Peach - 60mL - CRB251505-18

Infused, Liquid Edible

CULTIVATOR / MANUFACTURER

Business Name:
License Number:
Address:

DISTRIBUTOR / TESTED FOR

Business Name: Canna River
License Number:
Address:



SAMPLE DETAIL

Batch Number: CRB251505-18
Sample ID: 250616M011

Date Collected: 06/16/2025
Date Received: 06/16/2025
Batch Size:
Sample Size: 1.0 unit
Unit Mass: 60 grams per Unit
Serving Size:

Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 64.500 mg/unit

Total CBD: 5816.820 mg/unit

Sum of Cannabinoids: 8801.940 mg/unit

Total Cannabinoids: 8801.940 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

Density: 0.956 g/mL

SAFETY ANALYSIS - SUMMARY

Pesticides: PASS
Mycotoxins: PASS
Residual Solvents: PASS
Heavy Metals: PASS
Microbiology (PCR): PASS
Foreign Material: PASS

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

LQC verified by: Daniel Hardwick
Job Title: Technical Lead
Date: 07/02/2025

Approved by: Josh Wurzer
Job Title: Chief Compliance Officer
Date: 07/02/2025

Amendment to Certificate of Analysis 250616M011-002

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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: 64.500 mg/unit

Total THC (Δ^9-THC+0.877*THCa)

TOTAL CBD: 5816.820 mg/unit

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 8801.940 mg/unit

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

TOTAL CBG: 1376.940 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 171.120 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 47.880 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 06/19/2025

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	*0.004 / 0.011*	*±3.6161*	96.947	9.6947
CBG	*0.002 / 0.006*	*±1.1130*	22.949	2.2949
CBN	*0.001 / 0.007*	*±0.6258*	21.806	2.1806
CBC	*0.003 / 0.010*	*±0.0918*	2.852	0.2852
Δ^9-THC	*0.040 / 0.280*	*±0.0590*	1.075	0.1075
CBDV	*0.002 / 0.012*	*±0.0326*	0.798	0.0798
CBL	*0.003 / 0.010*	*±0.0100*	0.272	0.0272
Δ^8-THC	*0.01 / 0.02*	*N/A*	ND	ND
THCa	*0.020 / 0.100*	*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
CBCa	*0.001 / 0.015*	*N/A*	ND	ND
SUM OF CANNABINOIDS			146.699 mg/g	14.6699%

Unit Mass: 60 grams per Unit

Δ^9-THC per Unit	64.500 mg/unit
Total THC per Unit	64.500 mg/unit
CBD per Unit	5816.820 mg/unit
Total CBD per Unit	5816.820 mg/unit
Sum of Cannabinoids per Unit	8801.940 mg/unit
Total Cannabinoids per Unit	8801.940 mg/unit

DENSITY TEST RESULT

0.956 g/mL

Tested 06/19/2025

Method: QSP 7870 - Sample Preparation

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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).

*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 - 06/25/2025 PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Abamectin	0.03 / 0.10	0.3	N/A	ND	PASS
Acephate	0.02 / 0.07	5	N/A	ND	PASS
Acequinocyl	0.02 / 0.07	4	N/A	ND	PASS
Acetamiprid	0.02 / 0.05	5	N/A	ND	PASS
Aldicarb	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Azoxystrobin	0.02 / 0.07	40	N/A	ND	PASS
Bifenazate	0.01 / 0.04	5	N/A	ND	PASS
Bifenthrin	0.02 / 0.05	0.5	N/A	ND	PASS
Boscalid	0.03 / 0.09	10	N/A	ND	PASS
Captan	0.19 / 0.57	5	N/A	ND	PASS
Carbaryl	0.02 / 0.06	0.5	N/A	ND	PASS
Carbofuran	0.02 / 0.05	≥ LOD	N/A	ND	PASS
Chlorantraniliprole	0.04 / 0.12	40	N/A	ND	PASS
Chlordane*	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Chlorfenapyr*	0.03 / 0.10	≥ LOD	N/A	ND	PASS
Chlorpyrifos	0.02 / 0.06	≥ LOD	N/A	ND	PASS
Clofentezine	0.03 / 0.09	0.5	N/A	ND	PASS
Coumaphos	0.02 / 0.07	≥ LOD	N/A	ND	PASS
Cyfluthrin	0.12 / 0.38	1	N/A	ND	PASS
Cypermethrin	0.11 / 0.32	1	N/A	ND	PASS
Daminozide	0.02 / 0.07	≥ LOD	N/A	ND	PASS
Diazinon	0.02 / 0.05	0.2	N/A	ND	PASS
Dichlorvos (DDVP)	0.03 / 0.09	≥ LOD	N/A	ND	PASS
Dimethoate	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Dimethomorph	0.03 / 0.09	20	N/A	ND	PASS
Ethoprophos	0.03 / 0.10	≥ LOD	N/A	ND	PASS
Etofenprox	0.02 / 0.06	≥ LOD	N/A	ND	PASS
Etoxazole	0.02 / 0.06	1.5	N/A	ND	PASS
Fenhexamid	0.03 / 0.09	10	N/A	ND	PASS
Fenoxycarb	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Fenpyroximate	0.02 / 0.06	2	N/A	ND	PASS
Fipronil	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Flonicamid	0.03 / 0.10	2	N/A	ND	PASS
Fludioxonil	0.03 / 0.10	30	N/A	ND	PASS
Hexythiazox	0.02 / 0.07	2	N/A	ND	PASS
Imazalil	0.02 / 0.06	≥ LOD	N/A	ND	PASS
Imidacloprid	0.04 / 0.11	3	N/A	ND	PASS
Kresoxim-methyl	0.02 / 0.07	1	N/A	ND	PASS
Malathion	0.03 / 0.09	5	N/A	ND	PASS
Metalaxyl	0.02 / 0.07	15	N/A	ND	PASS
Methiocarb	0.02 / 0.07	≥ LOD	N/A	ND	PASS

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Pesticide Analysis *Continued*

PESTICIDE TEST RESULTS - 06/25/2025 *continued* PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Methomyl	0.03 / 0.10	0.1	N/A	ND	PASS
Mevinphos	0.03 / 0.09	≥ LOD	N/A	ND	PASS
Myclobutanil	0.03 / 0.09	9	N/A	ND	PASS
Naled	0.02 / 0.07	0.5	N/A	ND	PASS
Oxamyl	0.04 / 0.11	0.2	N/A	ND	PASS
Paclobutrazol	0.02 / 0.05	≥ LOD	N/A	ND	PASS
Parathion-methyl	0.03 / 0.10	≥ LOD	N/A	ND	PASS
Pentachloronitro-benzene (Quintozene)*	0.03 / 0.09	0.2	N/A	ND	PASS
Permethrin	0.04 / 0.12	20	N/A	ND	PASS
Phosmet	0.03 / 0.10	0.2	N/A	ND	PASS
Piperonyl Butoxide	0.02 / 0.07	8	N/A	ND	PASS
Prallethrin	0.03 / 0.08	0.4	N/A	ND	PASS
Propiconazole	0.02 / 0.07	20	N/A	ND	PASS
Propoxur	0.03 / 0.09	≥ LOD	N/A	ND	PASS
Pyrethrins	0.04 / 0.12	1	N/A	ND	PASS
Pyridaben	0.02 / 0.07	3	N/A	ND	PASS
Spinetoram	0.02 / 0.07	3	N/A	ND	PASS
Spinosad	0.02 / 0.07	3	N/A	ND	PASS
Spiromesifen	0.02 / 0.05	12	N/A	ND	PASS
Spirotetramat	0.02 / 0.06	13	N/A	ND	PASS
Spiroxamine	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Tebuconazole	0.02 / 0.07	2	N/A	ND	PASS
Thiacloprid	0.03 / 0.10	≥ LOD	N/A	ND	PASS
Thiamethoxam	0.03 / 0.10	4.5	N/A	ND	PASS
Trifloxystrobin	0.03 / 0.08	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 - 06/25/2025 PASS

COMPOUND	LOD/LOQ (µg/kg)	ACTION LIMIT (µg/kg)	MEASUREMENT UNCERTAINTY (µg/kg)	RESULT (µg/kg)	RESULT
Aflatoxin B1	2.0 / 6.0		N/A	ND	
Aflatoxin B2	1.8 / 5.6		N/A	ND	
Aflatoxin G1	1.0 / 3.1		N/A	ND	
Aflatoxin G2	1.2 / 3.5		N/A	ND	
Ochratoxin A	6.3 / 19.2	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

RESIDUAL SOLVENTS TEST RESULTS - 06/24/2025 PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Propane	*10 / 20*	*5000*	*N/A*	ND	PASS
n-Butane	*10 / 50*	*5000*	*N/A*	ND	PASS
n-Pentane	*20 / 50*	*5000*	*N/A*	ND	PASS
n-Hexane	*2 / 5*	*290*	*N/A*	ND	PASS
n-Heptane	*20 / 60*	*5000*	*±3.4*	113	PASS
Benzene	*0.03 / 0.09*	*1*	*±0.008*	0.15	PASS
Toluene	*7 / 21*	*890*	*N/A*	ND	PASS
Total Xylenes	*50 / 160*	*2170*	*N/A*	ND	PASS
Methanol	*50 / 200*	*3000*	*N/A*	ND	PASS
Ethanol	*20 / 50*	*5000*	*±15.5*	535	PASS
2-Propanol (Isopropyl Alcohol)	*10 / 40*	*5000*	*N/A*	ND	PASS
Acetone	*20 / 50*	*5000*	*N/A*	<LOQ	PASS
Ethyl Ether	*20 / 50*	*5000*	*N/A*	ND	PASS
Ethylene Oxide	*0.3 / 0.8*	*1*	*N/A*	ND	PASS
Ethyl Acetate	*20 / 60*	*5000*	*±96.2*	2814	PASS
Chloroform	*0.1 / 0.2*	*1*	*N/A*	ND	PASS
Dichloromethane (Methylene Chloride)	*0.3 / 0.9*	*1*	*N/A*	ND	PASS
Trichloroethylene	*0.1 / 0.3*	*1*	*N/A*	ND	PASS
1,2-Dichloroethane	*0.05 / 0.1*	*1*	*N/A*	ND	PASS
Acetonitrile	*2 / 7*	*410*	*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 - 06/29/2025 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

Microbiology Analysis

PCR

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

Method: QSP 61517 - Analysis of Microbiological Contaminants

MICROBIOLOGY TEST RESULTS (PCR) - 06/26/2025 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

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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 - 06/25/2025 PASS

COMPOUND	ACTION LIMIT	RESULT	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

NOTES
Reason for Amendment: Photo Update Sample unit mass provided by client.

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