SC Labs®

Hemp Regulatory Compliance Testing
CERTIFICATE OF ANALYSIS

DATE ISSUED 03/11/2025

SAMPLE DETAILS

SAMPLE NAME: CR+ Full Spectrum Gummies - Calm - Strawberry Mango

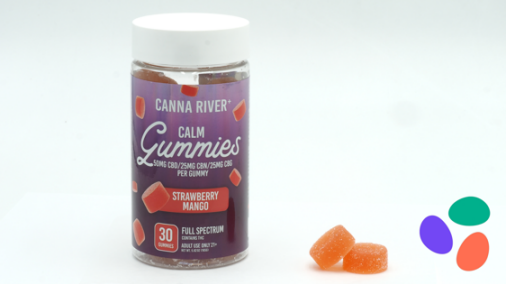
Infused, Solid Edible

CULTIVATOR / MANUFACTURER

Business Name:
License Number:
Address:

DISTRIBUTOR / TESTED FOR

Business Name: Canna River
License Number:
Address:



SAMPLE DETAIL

Batch Number: 250206100FCALMSM
Sample ID: 250228P064

Date Collected: 02/28/2025
Date Received: 02/28/2025
Batch Size:
Sample Size: 1.0 units
Unit Mass: 166.5 grams per Unit
Serving Size: 5.55 grams per Serving

Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: **119.714 mg/unit**

Total CBD: **1465.866 mg/unit**

Sum of Cannabinoids: 3296.700 mg/unit

Total Cannabinoids: 3296.700 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

Pesticides: PASS
Mycotoxins: PASS
Residual Solvents: PASS
Heavy Metals: PASS
Microbiology (PCR): PASS
Foreign Material: PASS
Water Activity: 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: Josh Antunovich
Job Title: Laboratory Director
Date: 03/11/2025

Approved by: Josh Wurzer
Job Title: Chief Compliance Officer
Date: 03/11/2025

Amendment to Certificate of Analysis 250228P064-002

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: 119.714 mg/unit

Total THC (Δ^9-THC+0.877*THCa)

TOTAL CBD: 1465.866 mg/unit

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 3296.700 mg/unit

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

TOTAL CBG: 759.074 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 146.354 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 9.657 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 03/04/2025

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	*0.004 / 0.011*	*±0.3284*	8.804	0.8804
CBN	*0.001 / 0.007*	*±0.1368*	4.766	0.4766
CBG	*0.002 / 0.006*	*±0.2211*	4.559	0.4559
CBC	*0.003 / 0.010*	*±0.0283*	0.879	0.0879
Δ^9-THC	*0.002 / 0.014*	*±0.0395*	0.719	0.0719
CBDV	*0.002 / 0.012*	*±0.0024*	0.058	0.0058
CBL	*0.003 / 0.010*	*±0.0006*	0.015	0.0015
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
CBCa	*0.001 / 0.015*	*N/A*	ND	ND
SUM OF CANNABINOIDS			19.800 mg/g	1.980%

Unit Mass: 166.5 grams per Unit / Serving Size: 5.55 grams per Serving

Δ^9-THC per Unit	119.714 mg/unit
Δ^9-THC per Serving	3.990 mg/serving
Total THC per Unit	119.714 mg/unit
Total THC per Serving	3.990 mg/serving
CBD per Unit	1465.866 mg/unit
CBD per Serving	48.862 mg/serving
Total CBD per Unit	1465.866 mg/unit
Total CBD per Serving	48.862 mg/serving
Sum of Cannabinoids per Unit	3296.700 mg/unit
Sum of Cannabinoids per Serving	109.890 mg/serving
Total Cannabinoids per Unit	3296.700 mg/unit
Total Cannabinoids per Serving	109.890 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 - 03/11/2025 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 - 03/11/2025 *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 - 03/11/2025 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

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 - 03/08/2025 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*	*N/A*	ND	PASS
Benzene	*0.03 / 0.09*	*1*	*N/A*	ND	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*	*N/A*	ND	PASS
2-Propanol (Isopropyl Alcohol)	*10 / 40*	*5000*	*N/A*	ND	PASS
Acetone	*20 / 50*	*5000*	*N/A*	ND	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*	*N/A*	ND	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 - 03/08/2025 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 1221 - Analysis of Microbiological Contaminants

MICROBIOLOGY TEST RESULTS (PCR) - 03/08/2025 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

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 - 03/06/2025 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

Water Activity Analysis

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

WATER ACTIVITY TEST RESULTS - 03/07/2025 PASS

COMPOUND	LOD/LOQ (Aw)	ACTION LIMIT (Aw)	MEASUREMENT UNCERTAINTY (Aw)	RESULT (Aw)	RESULT
Water Activity	*0.030 / 0.15*	*0.85*	*±0.032*	0.66	PASS

NOTES
Reason for Amendment: Add/Remove Test(s) Sample unit mass provided by client.