

SAMPLE DETAILS
SAMPLE NAME: CSP-30-1500-FS - 30ct 1500mg Full-Spectrum PM Softgels

Other

CULTIVATOR / MANUFACTURER
Business Name:
License Number:
Address:
DISTRIBUTOR / TESTED FOR
Business Name: cbdMD

License Number:
Address:
SAMPLE DETAIL
Batch Number: 502009

Sample ID: 250429N001

Date Collected: 04/29/2025

Date Received: 04/29/2025

Batch Size:
Sample Size: 1.0 units

Unit Mass: 27 grams per Unit

Serving Size: 1.3 grams per Serving


Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY
Total THC: 58.320 mg/unit

Total CBD: 1081.917 mg/unit

Sum of Cannabinoids: 1573.56 mg/unit

Total Cannabinoids: 1573.56 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:

$$\text{Total THC} = \Delta^9\text{-THC} + (\text{THCa} \cdot 0.877)$$

$$\text{Total CBD} = \text{CBD} + (\text{CBDa} \cdot 0.877)$$

$$\text{Sum of Cannabinoids} = \Delta^9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} +$$

$$\text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$$

$$\text{Total Cannabinoids} = (\Delta^9\text{-THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) +$$

$$(\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) +$$

$$(\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$$

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), $\mu\text{g/g} = \text{ppm}$, $\mu\text{g/kg} = \text{ppb}$



 LQC verified by: Michael Pham
 Job Title: Senior Laboratory Analyst
 Date: 05/02/2025



 Approved by: Josh Wurzer
 Job Title: Chief Compliance Officer
 Date: 05/02/2025



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: 58.320 mg/unit

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 1081.917 mg/unit

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 1573.56 mg/unit

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

TOTAL CBG: 183.357 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 19.062 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 7.209 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 05/02/2025

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	±1.4946	40.071	4.0071
CBN	0.001 / 0.007	±0.2349	8.183	0.8183
CBG	0.002 / 0.006	±0.3294	6.791	0.6791
Δ^9 -THC	0.002 / 0.014	±0.1186	2.160	0.2160
CBC	0.003 / 0.010	±0.0227	0.706	0.0706
CBDV	0.002 / 0.012	±0.0109	0.267	0.0267
CBL	0.003 / 0.010	±0.0024	0.065	0.0065
Δ^8 -THC	0.01 / 0.02	±0.002	0.04	0.004
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			58.28 mg/g	5.828%

Unit Mass: 27 grams per Unit / Serving Size: 1.3 grams per Serving

Δ^9 -THC per Unit	58.320 mg/unit
Δ^9 -THC per Serving	2.808 mg/serving
Total THC per Unit	58.320 mg/unit
Total THC per Serving	2.808 mg/serving
CBD per Unit	1081.917 mg/unit
CBD per Serving	52.092 mg/serving
Total CBD per Unit	1081.917 mg/unit
Total CBD per Serving	52.092 mg/serving
Sum of Cannabinoids per Unit	1573.56 mg/unit
Sum of Cannabinoids per Serving	75.76 mg/serving
Total Cannabinoids per Unit	1573.56 mg/unit
Total Cannabinoids per Serving	75.76 mg/serving

NOTES

Sample serving mass provided by client.

Full Spectrum PM Softgel

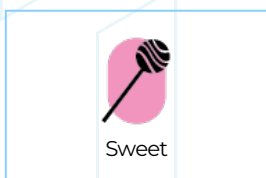
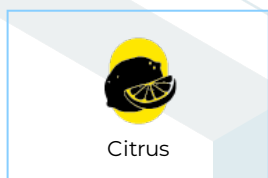
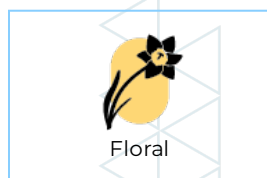
 Sample ID: SA-250326-59340
 Batch: 502009
 Type: Finished Product - Ingestible
 Matrix: Edible - Softgel
 Unit Mass (g): 1.27944

 Received: 03/28/2025
 Completed: 04/15/2025

Terpenes by GC-MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Analyte	LOD (%)	LOQ (%)	Result (%)
α-Bisabolol	0.002	0.01	0.0143	Limonene	0.002	0.01	0.0953
(+)-Borneol	0.002	0.01	ND	Linalool	0.002	0.01	0.207
Camphene	0.002	0.01	ND	β-myrcene	0.002	0.01	<LOQ
Camphor	0.004	0.02	ND	Nerol	0.002	0.01	0.0183
3-Carene	0.002	0.01	ND	cis-Nerolidol	0.002	0.01	0.0177
β-Caryophyllene	0.002	0.01	0.0266	trans-Nerolidol	0.002	0.01	0.0228
Caryophyllene Oxide	0.002	0.01	<LOQ	Ocimene	0.002	0.01	0.0521
α-Cedrene	0.002	0.01	ND	α-Phellandrene	0.002	0.01	ND
Cedrol	0.002	0.01	ND	β-Pinene	0.002	0.01	ND
Eucalyptol	0.002	0.01	ND	β-Pinene	0.002	0.01	ND
Fenchone	0.004	0.02	ND	Pulegone	0.002	0.01	ND
Fenchyl Alcohol	0.002	0.01	ND	Sabinene	0.002	0.01	ND
Geraniol	0.002	0.01	0.0103	Sabinene Hydrate	0.002	0.01	ND
Geranyl Acetate	0.002	0.01	0.0139	α-Terpinene	0.002	0.01	ND
Guaiol	0.002	0.01	<LOQ	γ-Terpinene	0.002	0.01	ND
Hexahydrothymol	0.002	0.01	ND	α-Terpineol	0.001	0.005	0.00769
α-Humulene	0.002	0.01	ND	γ-Terpineol	0.001	0.005	<LOQ
Isoborneol	0.002	0.01	<LOQ	Terpinolene	0.002	0.01	ND
Isopulegol	0.002	0.01	ND	Valencene	0.002	0.01	ND
				Total Terpenes (%)			0.524

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates




 Generated By: Ryan Bellone
 CCO
 Date: 04/15/2025



 Tested By: Kelsey Rogers
 Scientist
 Date: 04/08/2025


Full Spectrum PM Softgel

Sample ID: SA-250326-59340
 Batch: 502009
 Type: Finished Product - Ingestible
 Matrix: Edible - Softgel
 Unit Mass (g): 1.27944

Received: 03/28/2025
 Completed: 04/15/2025

Heavy Metals by ICP-MS

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
Arsenic	0.002	0.02	<LOQ
Cadmium	0.001	0.02	ND
Lead	0.002	0.02	ND
Mercury	0.012	0.05	ND

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates



Generated By: Ryan Bellone
 CCO
 Date: 04/15/2025



Tested By: Chris Farman
 Scientist
 Date: 04/01/2025



Full Spectrum PM Softgel

 Sample ID: SA-250326-59340
 Batch: 502009
 Type: Finished Product - Ingestible
 Matrix: Edible - Softgel
 Unit Mass (g): 1.27944

 Received: 03/28/2025
 Completed: 04/15/2025

Pesticides by LC-MS/MS and GC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
Abamectin	30	100	ND	Hexythiazox	30	100	ND
Acephate	30	100	ND	Imazalil	30	100	ND
Acetamiprid	30	100	ND	Imidacloprid	30	100	ND
Aldicarb	30	100	ND	Kresoxim methyl	30	100	ND
Azoxystrobin	30	100	ND	Malathion	30	100	ND
Bifenazate	30	100	ND	Metaxyl	30	100	ND
Bifenthrin	30	100	ND	Methiocarb	30	100	ND
Boscalid	30	100	ND	Methomyl	30	100	ND
Carbaryl	30	100	ND	Mevinphos	30	100	ND
Carbofuran	30	100	ND	Myclobutanil	30	100	ND
Chloranthraniliprole	30	100	ND	Naled	30	100	ND
Chlorfenapyr	30	100	ND	Oxamyl	30	100	ND
Chlorpyrifos	30	100	ND	Paclobutrazol	30	100	ND
Clofentezine	30	100	ND	Phosmet	30	100	ND
Coumaphos	30	100	ND	Piperonyl Butoxide	30	100	ND
Diazinon	30	100	ND	Propoxur	30	100	ND
Dichlorvos	30	100	ND	Pyrethrins	30	100	ND
Dimethoate	30	100	ND	Pyridaben	30	100	ND
Dimethomorph	30	100	ND	Spinetoram	30	100	ND
Ethoprophos	30	100	ND	Spinosad	30	100	ND
Etofenprox	30	100	ND	Spiromesifen	30	100	ND
Etoxazole	30	100	ND	Spirotetramat	30	100	ND
Fenhexamid	30	100	ND	Spiroxamine	30	100	ND
Fenoxycarb	30	100	ND	Tebuconazole	30	100	ND
Fenpyroximate	30	100	ND	Thiacloprid	30	100	ND
Fipronil	30	100	ND	Thiamethoxam	30	100	ND
Fonicamid	30	100	ND	Trifloxystrobin	30	100	ND
Fludioxonil	30	100	ND				

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates



 Generated By: Ryan Bellone
 CCO
 Date: 04/15/2025



 Tested By: Anthony Mattingly
 Scientist
 Date: 04/03/2025


Full Spectrum PM Softgel

Sample ID: SA-250326-59340
 Batch: 502009
 Type: Finished Product - Ingestible
 Matrix: Edible - Softgel
 Unit Mass (g): 1.27944

Received: 03/28/2025
 Completed: 04/15/2025

Mycotoxins by LC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
B1	1	5	ND
B2	1	5	ND
G1	1	5	ND
G2	1	5	ND
Ochratoxin A	1	5	ND

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates



Generated By: Ryan Bellone
 CCO
 Date: 04/15/2025



Tested By: Anthony Mattingly
 Scientist
 Date: 04/03/2025



Full Spectrum PM Softgel

Sample ID: SA-250326-59340
 Batch: 502009
 Type: Finished Product - Ingestible
 Matrix: Edible - Softgel
 Unit Mass (g): 1.27944

Received: 03/28/2025
 Completed: 04/15/2025


Microbials by PCR and Plating

Analyte	LOD (CFU/g)	Result (CFU/g)	Result (Qualitative)
Total aerobic count	10	10.0	
Total coliforms	10	ND	
Generic E. coli	10	ND	
Listeria mono.	1		Not Detected per 1 gram
Salmonella spp.	1		Not Detected per 1 gram
Shiga-toxin producing E. coli (STEC)	1		Not Detected per 1 gram
Total yeast and mold count (TYMC)	10	20.0	

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; CFU = Colony Forming Units; P = Pass; F = Fail; RL = Reporting Limit



Generated By: Ryan Bellone
 CCO
 Date: 04/15/2025



Tested By: Sara Cook
 Laboratory Technician
 Date: 04/02/2025



Full Spectrum PM Softgel

 Sample ID: SA-250326-59340
 Batch: 502009
 Type: Finished Product - Ingestible
 Matrix: Edible - Softgel
 Unit Mass (g): 1.27944

 Received: 03/28/2025
 Completed: 04/15/2025

Residual Solvents by HS-GC-MS

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
Acetone	167	500	ND	Ethylene Oxide	0.5	1	ND
Acetonitrile	14	41	ND	Heptane	167	500	ND
Benzene	0.5	1	ND	n-Hexane	10	29	ND
Butane	167	500	ND	Isobutane	167	500	ND
1-Butanol	167	500	ND	Isopropyl Acetate	167	500	ND
2-Butanol	167	500	ND	Isopropyl Alcohol	167	500	ND
2-Butanone	167	500	ND	Isopropylbenzene	167	500	ND
Chloroform	2	6	ND	Methanol	100	300	ND
Cyclohexane	129	388	ND	2-Methylbutane	10	29	ND
1,2-Dichloroethane	0.5	1	ND	Methylene Chloride	20	60	ND
1,2-Dimethoxyethane	4	10	ND	2-Methylpentane	10	29	ND
Dimethyl Sulfoxide	167	500	ND	3-Methylpentane	10	29	ND
N,N-Dimethylacetamide	37	109	ND	n-Pentane	167	500	ND
2,2-Dimethylbutane	10	29	ND	1-Pentanol	167	500	ND
2,3-Dimethylbutane	10	29	ND	n-Propane	167	500	ND
N,N-Dimethylformamide	30	88	ND	1-Propanol	167	500	ND
2,2-Dimethylpropane	167	500	ND	Pyridine	7	20	ND
1,4-Dioxane	13	38	ND	Tetrahydrofuran	24	72	ND
Ethanol	167	500	ND	Toluene	30	89	ND
2-Ethoxyethanol	6	16	ND	Trichloroethylene	3	8	ND
Ethyl Acetate	167	500	ND	Xylenes (o-, m-, and p-)	73	217	ND
Ethyl Ether	167	500	ND				
Ethylbenzene	3	7	ND				

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates



 Generated By: Ryan Bellone
 CCO
 Date: 04/15/2025



 Tested By: Jasper van Heemst
 Principal Scientist
 Date: 04/01/2025


Full Spectrum PM Softgel

Sample ID: SA-250326-59340
Batch: 502009
Type: Finished Product - Ingestible
Matrix: Edible - Softgel
Unit Mass (g): 1.27944

Received: 03/28/2025
Completed: 04/15/2025

Melatonin

Analyte	Result	Unit	LOD	LOQ
Melatonin	2.88	mg/g		



Generated By: Ryan Bellone
CCO

Date: 04/15/2025

NEW BLOOM LABS
6121 Heritage Park Drive
Suite A500
Chattanooga, TN 37146

Tested By: Subcontracted Laboratory

Date: 04/15/2025

