

## Full Spectrum 85mg/ml 2500mg / 5000mg MCT Oil Tincture

Sample ID: SA-250505-61309  
 Batch: FS103-C21  
 Type: Finished Product - Ingestible  
 Matrix: Oil / Liquid - MCT Oil  
 Unit Mass (g):

Received: 05/08/2025  
 Completed: 05/14/2025

**Client**  
 Coastal Green CBD LLC  
 PO Box 8148  
 Myrtle Beach, SC 29578  
 USA



### Summary

Test	Date Tested	Status
Cannabinoids	05/14/2025	Tested
Heavy Metals	05/13/2025	Tested
Microbials	05/13/2025	Tested
Mycotoxins	05/13/2025	Tested
Pesticides	05/13/2025	Tested
Residual Solvents	05/12/2025	Tested

<b>2.90 mg/mL</b> Total Δ9-THC	<b>76.7 mg/mL</b> CBD	<b>98.4 mg/mL</b> Total Cannabinoids	<b>Not Tested</b> Moisture Content	<b>Not Tested</b> Foreign Matter	<b>Yes</b> Internal Standard Normalization
-----------------------------------	--------------------------	---	---------------------------------------	-------------------------------------	---

### Cannabinoids by HPLC-PDA

Analyte	LOD (mg/mL)	LOQ (mg/mL)	Result (mg/mL)	Result (%)	Result (mg/unit)
CBC	0.00095	0.00284	6.98	0.746	209
CBCA	0.00181	0.00543	ND	ND	ND
CBCV	0.0006	0.0018	0.0995	0.0106	2.99
CBD	0.00081	0.00242	76.7	8.19	2300
CBDA	0.00043	0.0013	ND	ND	ND
CBDV	0.00061	0.00182	0.797	0.0852	23.9
CBDVA	0.00021	0.00063	ND	ND	ND
CBG	0.00057	0.00172	6.99	0.747	210
CBGA	0.00049	0.00147	ND	ND	ND
CBL	0.00112	0.00335	0.239	0.0255	7.16
CBLA	0.00124	0.00371	ND	ND	ND
CBN	0.00056	0.00169	0.538	0.0574	16.1
CBNA	0.0006	0.00181	ND	ND	ND
CBT	0.0018	0.0054	3.00	0.321	90.1
Δ4,8-iso-THC	0.0067	0.02	NT	NT	NT
Δ8-iso-THC	0.0067	0.02	NT	NT	NT
Δ8-THC	0.00104	0.00312	0.111	0.0119	3.34
Δ8-THCV	0.0067	0.02	NT	NT	NT
Δ9-THC	0.00076	0.00227	2.90	0.310	87.0
Δ9-THCA	0.00084	0.00251	ND	ND	ND
Δ9-THCV	0.00069	0.00206	ND	ND	ND
Δ9-THCVA	0.00062	0.00186	ND	ND	ND
exo-THC	0.0067	0.02	NT	NT	NT
<b>Total Δ9-THC</b>			<b>2.90</b>	<b>0.310</b>	<b>87.0</b>
<b>Total</b>			<b>98.4</b>	<b>10.5</b>	<b>2950</b>

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA \* 0.877 + Δ9-THC; Total CBD = CBDA \* 0.877 + CBD;



Generated By: Ryan Bellone  
 Commercial Director  
 Date: 05/14/2025



Tested By: Nicholas Howard  
 Scientist  
 Date: 05/14/2025



ISO/IEC 17025:2017 Accredited  
 Accreditation #108651



## Full Spectrum 85mg/ml 2500mg / 5000mg MCT Oil Tincture

Sample ID: SA-250505-61309  
 Batch: FS103-C21  
 Type: Finished Product - Ingestible  
 Matrix: Oil / Liquid - MCT Oil  
 Unit Mass (g):

Received: 05/08/2025  
 Completed: 05/14/2025

**Client**  
 Coastal Green CBD LLC  
 PO Box 8148  
 Myrtle Beach, SC 29578  
 USA

### Heavy Metals by ICP-MS

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
Arsenic	0.002	0.02	ND
Cadmium	0.001	0.02	ND
Lead	0.002	0.02	<LOQ
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  
 Commercial Director  
 Date: 05/14/2025



Tested By: Chris Farman  
 Scientist  
 Date: 05/13/2025



## Full Spectrum 85mg/ml 2500mg / 5000mg MCT Oil Tincture

Sample ID: SA-250505-61309  
 Batch: FSI03-C21  
 Type: Finished Product - Ingestible  
 Matrix: Oil / Liquid - MCT Oil  
 Unit Mass (g):

Received: 05/08/2025  
 Completed: 05/14/2025

**Client**  
 Coastal Green CBD LLC  
 PO Box 8148  
 Myrtle Beach, SC 29578  
 USA

## 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	Imazalil	30	100	ND
Acephate	30	100	ND	Imidacloprid	30	100	ND
Acetamiprid	30	100	ND	Kresoxim methyl	30	100	ND
Aldicarb	30	100	ND	Malathion	30	100	ND
Azoxystrobin	30	100	ND	Metaxyl	30	100	ND
Bifenazate	30	100	ND	Methiocarb	30	100	ND
Bifenthrin	30	100	ND	Methomyl	30	100	ND
Boscalid	30	100	ND	Mevinphos	30	100	ND
Carbaryl	30	100	ND	Myclobutanil	30	100	ND
Carbofuran	30	100	ND	Naled	30	100	ND
Chloranthraniliprole	30	100	ND	Oxamyl	30	100	ND
Chlorfenapyr	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	Propiconazole	30	100	ND
Dichlorvos	30	100	ND	Propoxur	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	Spirotetramat	30	100	ND
Etoxazole	30	100	ND	Spiroxamine	30	100	ND
Fenhexamid	30	100	ND	Tebuconazole	30	100	ND
Fenoxycarb	30	100	ND	Thiacloprid	30	100	ND
Fenpyroximate	30	100	ND	Thiamethoxam	30	100	ND
Fipronil	30	100	ND	Trifloxystrobin	30	100	ND
Flonicamid	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  
 Commercial Director  
 Date: 05/14/2025



Tested By: Anthony Mattingly  
 Scientist  
 Date: 05/13/2025





**KCA Laboratories**  
232 North Plaza Drive  
Nicholasville, KY 40356

+1-833-KCA-LABS  
<https://kcalabs.com>  
KDA Lic.# P\_0058

## Certificate of Analysis

4 of 7

### Full Spectrum 85mg/ml 2500mg / 5000mg MCT Oil Tincture

Sample ID: SA-250505-61309  
Batch: FS103-C21  
Type: Finished Product - Ingestible  
Matrix: Oil / Liquid - MCT Oil  
Unit Mass (g):

Received: 05/08/2025  
Completed: 05/14/2025

**Client**  
Coastal Green CBD LLC  
PO Box 8148  
Myrtle Beach, SC 29578  
USA

### 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  
Commercial Director  
Date: 05/14/2025

Tested By: Anthony Mattingly  
Scientist  
Date: 05/13/2025



This product or substance has been tested by KCA Laboratories using validated testing methodologies and an ISO/IEC 17025:2017 accredited quality system. Values reported relate only to the product or substance tested. The reported result is based on a sample weight. Unless otherwise stated, results of tests performed on all quality control samples met criteria for acceptance established by KCA Laboratories. KCA Laboratories makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected amounts of any substances reported herein. This Certificate of Analysis shall not be reproduced except in full, without the written approval of KCA Laboratories. KCA Laboratories can provide measurement uncertainty upon request.

## Full Spectrum 85mg/ml 2500mg / 5000mg MCT Oil Tincture

Sample ID: SA-250505-61309  
 Batch: FS103-C21  
 Type: Finished Product - Ingestible  
 Matrix: Oil / Liquid - MCT Oil  
 Unit Mass (g):

Received: 05/08/2025  
 Completed: 05/14/2025

**Client**  
 Coastal Green CBD LLC  
 PO Box 8148  
 Myrtle Beach, SC 29578  
 USA

## Microbials by PCR and Plating

Analyte	LOD (CFU/g)	Result (CFU/g)	Result (Qualitative)
Total aerobic count	10	ND	
Total coliforms	10	ND	
Generic E. coli	10	ND	
Salmonella spp.	1		Not Detected per 1 gram
Shiga-toxin producing E. coli (STEC)	1		Not Detected per 1 gram

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  
 Commercial Director  
 Date: 05/14/2025



Tested By: Natalia Wright  
 Laboratory Technician  
 Date: 05/13/2025



## Full Spectrum 85mg/ml 2500mg / 5000mg MCT Oil Tincture

Sample ID: SA-250505-61309  
 Batch: FSI03-C21  
 Type: Finished Product - Ingestible  
 Matrix: Oil / Liquid - MCT Oil  
 Unit Mass (g):

Received: 05/08/2025  
 Completed: 05/14/2025

**Client**  
 Coastal Green CBD LLC  
 PO Box 8148  
 Myrtle Beach, SC 29578  
 USA

## 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  
 Commercial Director  
 Date: 05/14/2025



Tested By: Kelsey Rogers  
 Scientist  
 Date: 05/12/2025





## Full Spectrum 85mg/ml 2500mg / 5000mg MCT Oil Tincture

Sample ID: SA-250505-61309  
 Batch: FS103-C21  
 Type: Finished Product - Ingestible  
 Matrix: Oil / Liquid - MCT Oil  
 Unit Mass (g):

Received: 05/08/2025  
 Completed: 05/14/2025

**Client**  
 Coastal Green CBD LLC  
 PO Box 8148  
 Myrtle Beach, SC 29578  
 USA

## Reporting Limit Appendix

### Heavy Metals - KY 902 KAR 45:190

Analyte	Limit (ppm)	Analyte	Limit (ppm)
Arsenic	1.5	Lead	0.5
Cadmium	0.5	Mercury	1.5

### Microbials -

Analyte	Limit (CFU/g)	Analyte	Limit (CFU/g)
Total coliforms	100	Total aerobic count	10000

### Residual Solvents - USP 467

Analyte	Limit (ppm)	Analyte	Limit (ppm)
Acetone	5000	Ethylene Oxide	1
Acetonitrile	410	Heptane	5000
Benzene	2	n-Hexane	290
Butane	5000	Isobutane	5000
1-Butanol	5000	Isopropyl Acetate	5000
2-Butanol	5000	Isopropyl Alcohol	5000
2-Butanone	5000	Isopropylbenzene	5000
Chloroform	60	Methanol	3000
Cyclohexane	3880	2-Methylbutane	290
1,2-Dichloroethane	5	Methylene Chloride	600
1,2-Dimethoxyethane	100	2-Methylpentane	290
Dimethyl Sulfoxide	5000	3-Methylpentane	290
N,N-Dimethylacetamide	1090	n-Pentane	5000
2,2-Dimethylbutane	290	1-Pentanol	5000
2,3-Dimethylbutane	290	n-Propane	5000
N,N-Dimethylformamide	880	1-Propanol	5000
2,2-Dimethylpropane	5000	Pyridine	200
1,4-Dioxane	380	Tetrahydrofuran	720
Ethanol	5000	Toluene	890
2-Ethoxyethanol	160	Trichloroethylene	80
Ethyl Acetate	5000	Xylenes (o-, m-, and p-)	2170
Ethyl Ether	5000		
Ethylbenzene	70		

### Pesticides - CA DCC

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Acetamiprid	5000	Kresoxim methyl	1000
Aldicarb	30	Malathion	5000
Azoxystrobin	40000	Metaxyl	15000
Bifenazate	5000	Methiocarb	30
Bifenthrin	500	Methomyl	100
Boscalid	10000	Mevinphos	30
Carbaryl	500	Myclobutanil	9000
Carbofuran	30	Naled	500
Chloranthraniliprole	40000	Oxamyl	200
Chlorfenapyr	30	Paclobutrazol	30
Clofentezine	500	Phosmet	200
Coumaphos	30	Piperonyl Butoxide	8000
Diazinon	200	Propiconazole	20000
Dichlorvos	30	Propoxur	30
Dimethoate	30	Pyridaben	3000
Dimethomorph	20000	Spinetoram	3000
Ethoprophos	30	Spinosad	3000
Etofenprox	30	Spirotetramat	13000
Etoazole	1500	Spiroxamine	30
Fenhexamid	10000	Tebuconazole	2000
Fenoxycarb	30	Thiacloprid	30
Fenpyroximate	2000	Thiamethoxam	4500
Fipronil	30	Trifloxystrobin	30000
Flonicamid	2000		
Fludioxonil	30000		

### Mycotoxins - Colorado CDPHE

Analyte	Limit (ppb)	Analyte	Limit (ppb)
B1	5	B2	5
G1	5	G2	5
Ochratoxin A	5		

### Pesticides - CA DCC

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Abamectin	300	Imazalil	30
Acephate	5000	Imidacloprid	3000

