

**CBN: CBD Tincture**

Sample ID: SA-260313-78214  
 Batch: HC8CNCBTN0326  
 Type: Finished Product - Ingestible  
 Matrix: Oil / Liquid - MCT Oil  
 Unit Size (g):  
 Unit Volume (mL):, Density (g/mL): 0.97088

Received: 03/16/2026  
 Completed: 03/27/2026

**Client**  
 Highly Concentrated  
 2144 Gulf Gate Dr.  
 Sarasota, FL 34231  
 USA  
 Lic. #: 405998


**Summary**

Test	Date Tested	Status
Cannabinoids	03/27/2026	Tested
Prohibited Substances by HS-GC-MS	03/19/2026	Tested
Foreign Matter	03/25/2026	Tested
Heavy Metals	03/19/2026	Tested
Microbials	03/26/2026	Tested
Mycotoxins	03/25/2026	Tested
Pesticides	03/25/2026	Tested
Residual Solvents	03/19/2026	Tested
Terpenes	03/19/2026	Tested

<b>ND</b> Total Δ9-THC	<b>51.3 mg/mL</b> CBD	<b>102 mg/mL</b> Total Cannabinoids	<b>Not Tested</b> Moisture Content	<b>Not Detected</b> Foreign Matter	<b>Yes</b> Internal Standard Normalization
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**Cannabinoids by HPLC-PDA and GC-MS/MS**

Analyte	LOD (mg/mL)	LOQ (mg/mL)	Result (mg/mL)	Result (%)
CBC	0.00095	0.00284	ND	ND
CBCA	0.00181	0.00543	ND	ND
CBCV	0.0006	0.0018	ND	ND
CBD	0.00081	0.00242	51.3173	5.29
CBDA	0.00043	0.0013	ND	ND
CBDV	0.00061	0.00182	ND	ND
CBDVA	0.00021	0.00063	ND	ND
CBG	0.00057	0.00172	ND	ND
CBGA	0.00049	0.00147	ND	ND
CBL	0.00112	0.00335	ND	ND
CBLA	0.00124	0.00371	ND	ND
CBN	0.00056	0.00169	50.7618	5.23
CBNA	0.0006	0.00181	ND	ND
CBT	0.0018	0.0054	ND	ND
Δ4,8-iso-THC	0.00133	0.004	ND	ND
Δ6a,10a-THC	0.00133	0.004	ND	ND
Δ8-iso-THC	0.00133	0.004	ND	ND
Δ8-THC	0.00104	0.00312	ND	ND
Δ8-THC acetate	0.00133	0.004	ND	ND
Δ8-THCP	0.00133	0.004	ND	ND
Δ8-THCV	0.00133	0.004	ND	ND
Δ9-THC	0.00076	0.00227	ND	ND
Δ9-THC acetate	0.00133	0.004	ND	ND
Δ9-THCA	0.00084	0.00251	ND	ND
Δ9-THCP	0.00133	0.004	ND	ND
Δ9-THCV	0.00069	0.00206	ND	ND
Δ9-THCVA	0.00062	0.00186	ND	ND
(6aR,9R)-Δ10-THC	0.00133	0.004	ND	ND
(6aR,9S)-Δ10-THC	0.00133	0.004	ND	ND
exo-THC	0.00133	0.004	ND	ND
(6aR,9R,10aR)-HHC	0.00133	0.004	0.2262	0.0233
(6aR,9S,10aR)-HHC	0.00133	0.004	ND	ND
<b>Total Δ9-THC</b>			<b>ND</b>	<b>ND</b>
<b>Total</b>			<b>102</b>	<b>10.5</b>

ND = Not Detected; NR = (Spike) Not Recoverable, sample matrix interference present which may affect accuracy of results; NT = Not Tested; UA = Unsuitable for Analysis; 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: Scott Caudill  
 Laboratory Manager  
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 Tested By: Kelsey Rogers  
 Scientist  
 Date: 03/27/2026

 ISO/IEC 17025:2017 Accredited  
 Accreditation #108651


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**Terpenes by GC-MS**

Analyte	LOD (%)	LOQ (%)	Result (%)	Analyte	LOD (%)	LOQ (%)	Result (%)
α-Bisabolol	0.002	0.01	ND	Limonene	0.002	0.01	ND
(+)-Borneol	0.002	0.01	ND	Linalool	0.002	0.01	ND
Camphene	0.002	0.01	ND	β-myrcene	0.002	0.01	ND
Camphor	0.004	0.02	ND	Nerol	0.002	0.01	ND
3-Carene	0.002	0.01	ND	cis-Nerolidol	0.002	0.01	ND
β-Caryophyllene	0.002	0.01	ND	trans-Nerolidol	0.002	0.01	ND
Caryophyllene Oxide	0.002	0.01	ND	Ocimene	0.002	0.01	ND
α-Cedrene	0.002	0.01	ND	α-Phellandrene	0.002	0.01	ND
Cedrol	0.002	0.01	ND	α-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	ND	Sabinene Hydrate	0.002	0.01	ND
Geranyl Acetate	0.002	0.01	ND	α-Terpinene	0.002	0.01	ND
Guaiol	0.002	0.01	ND	γ-Terpinene	0.002	0.01	ND
Hexahydrothymol	0.002	0.01	ND	α-Terpineol	0.001	0.005	ND
α-Humulene	0.002	0.01	ND	γ-Terpineol	0.001	0.005	ND
Isoborneol	0.002	0.01	ND	Terpinolene	0.002	0.01	ND
Isopulegol	0.002	0.01	ND	Valencene	0.002	0.01	ND
				<b>Total Terpenes (%)</b>			<b>0.000</b>

ND = Not Detected; NT = Not Tested; UA = Unsuitable for Analysis; NR = Sample matrix interference present which may affect accuracy of results; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates




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 Laboratory Manager  
 Date: 03/27/2026



 Tested By: Kelsey Rogers  
 Scientist  
 Date: 03/19/2026


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**Heavy Metals by ICP-MS**

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
Arsenic	0.002	0.02	ND
Cadmium	0.002	0.02	ND
Lead	0.005	0.05	ND
Mercury	0.005	0.01	ND

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Tested By: Annie Velazquez  
 Assistant Scientist  
 Date: 03/19/2026



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**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
Acequinocyl	30	100	NR	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	Metalaxyl	30	100	ND
Bifenazate	30	100	ND	Methiocarb	30	100	ND
Bifenthrin	30	100	ND	Methomyl	30	100	ND
Boscalid	30	100	ND	Methyl parathion	30	100	ND
Captan	30	100	NR	Mevinphos	30	100	ND
Carbaryl	30	100	ND	MGK-264	30	100	ND
Carbofuran	30	100	ND	Myclobutanil	30	100	ND
Chlorantraniliprole	30	100	ND	Naled	30	100	NR
Chlordane	30	100	NR	Oxamyl	30	100	ND
Chlorfenapyr	30	100	ND	Paclobutrazol	30	100	ND
Chlormequat chloride	30	100	ND	Pentachloronitrobenzene	30	100	ND
Chlorpyrifos	30	100	ND	Permethrin	30	100	ND
Clofentezine	30	100	ND	Phosmet	30	100	ND
Coumaphos	30	100	ND	Piperonyl Butoxide	30	100	ND
Cyfluthrin	30	100	NR	Prallethrin	30	100	ND
Cypermethrin	30	100	NR	Propiconazole	30	100	ND
Daminozide	30	100	ND	Propoxur	30	100	ND
Diazinon	30	100	ND	Pyrethrins	30	100	ND
DDVP (Dichlorvos)	30	100	ND	Pyridaben	30	100	ND
Dimethoate	30	100	ND	Spinetoram	30	100	ND
Dimethomorph	30	100	ND	Spinosad	30	100	ND
Ethoprophos	30	100	ND	Spiromesifen	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
Fonicamid	30	100	ND				
Fludioxonil	30	100	ND				

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 Generated By: Scott Caudill  
 Laboratory Manager  
 Date: 03/27/2026



 Authorized By: Madeline Mitchell  
 Assistant Scientist  
 Date: 03/25/2026


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**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

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 Laboratory Manager  
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Tested By: Madeline Mitchell  
 Assistant Scientist  
 Date: 03/25/2026



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**Microbials by PCR and Plating**

Analyte	LOD (CFU/g)	Result (CFU/g)	Result (Qualitative)
Total aerobic count	10	ND	
Aspergillus flavus	1		Not Detected per 1 gram
Aspergillus fumigatus	1		Not Detected per 1 gram
Aspergillus niger	1		Not Detected per 1 gram
Aspergillus terreus	1		Not Detected per 1 gram
Bile-tolerant gram-negative bacteria	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
Total yeast and mold count (TYMC)	10	ND	

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Generated By: Scott Caudill  
 Laboratory Manager  
 Date: 03/27/2026



Tested By: Sara Cook  
 Laboratory Technician  
 Date: 03/26/2026



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**Residual Solvents by HS-GC-MS**

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
Acetone	33	100	ND	Ethylene Oxide	0.5	1	ND
Acetonitrile	14	41	ND	Heptane	33	100	ND
Benzene	0.5	1	ND	n-Hexane	2	6	ND
Butane	33	100	ND	Isobutane	33	100	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	20	60	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	2	6	ND
Dimethyl Sulfoxide	167	500	ND	3-Methylpentane	2	6	ND
N,N-Dimethylacetamide	37	109	ND	n-Pentane	33	100	ND
2,2-Dimethylbutane	2	6	ND	1-Pentanol	167	500	ND
2,3-Dimethylbutane	2	6	ND	n-Propane	33	100	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	6	18	ND
2-Ethoxyethanol	6	16	ND	Trichloroethylene	3	8	ND
Ethyl Acetate	33	100	ND	Xylenes (o-, m-, and p-)	14	43	ND
Ethyl Ether	167	500	ND				
Ethylbenzene	3	7	ND				

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 Scientist  
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**Prohibited Substances by HS-GC-MS**

Analyte	Result	Unit	LOD	LOQ
2,3-butanedione (Diacyl)	ND	ppm	30	100
1,1-dichloroethene	ND	ppm	1	5



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