

500mg THC Syrup

Sample ID: SA-250403-59701
 Batch: 5HD9SRSL425
 Type: Finished Product - Ingestible
 Matrix: Oil / Liquid - Water
 Unit Mass (g):

Received: 04/07/2025
 Completed: 04/22/2025

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



Summary

Test	Date Tested	Status
Cannabinoids	04/22/2025	Tested
Foreign Matter	04/08/2025	Tested
Heavy Metals	04/16/2025	Tested
Microbials	04/15/2025	Tested
Mycotoxins	04/15/2025	Tested
Pesticides	04/15/2025	Tested
Residual Solvents	04/15/2025	Tested

2.28 mg/mL Total Δ9-THC	2.28 mg/mL Δ9-THC	2.43 mg/mL Total Cannabinoids	Not Tested Moisture Content	Not Detected Foreign Matter	Yes Internal Standard Normalization
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 Commercial Director
 Date: 05/29/2025



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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	0.017	0.00170
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	<LOQ	<LOQ
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	0.004	0.000400
CBNA	0.0006	0.00181	ND	ND
CBT	0.0018	0.0054	<LOQ	<LOQ
Δ4,8-iso-THC	0.00067	0.002	0.0059	0.000590
Δ8-iso-THC	0.00067	0.002	0.0248	0.00248
Δ8-THC	0.00104	0.00312	0.0848	0.00847
Δ8-THC acetate	0.00067	0.002	ND	ND
Δ8-THCP	0.00067	0.002	ND	ND
Δ8-THCV	0.00067	0.002	ND	ND
Δ9-THC	0.00076	0.00227	2.2827	0.228
Δ9-THC acetate	0.00067	0.002	ND	ND
Δ9-THCA	0.00084	0.00251	ND	ND
Δ9-THCP	0.00067	0.002	ND	ND
Δ9-THCV	0.00069	0.00206	0.0111	0.00111
Δ9-THCVA	0.00062	0.00186	ND	ND
(6aR,9R)-Δ10-THC	0.00067	0.002	ND	ND
(6aR,9S)-Δ10-THC	0.00067	0.002	ND	ND
exo-THC	0.00067	0.002	ND	ND
(6aR,9R,10aR)-HHC	0.00067	0.002	ND	ND
(6aR,9S,10aR)-HHC	0.00067	0.002	ND	ND
Total Δ9-THC			2.28	0.228
Total			2.43	0.243

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;



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 Tested By: Scott Caudill
 Laboratory Manager
 Date: 04/22/2025


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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	ND
Mercury	0.012	0.05	ND

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 Commercial Director
 Date: 05/29/2025



Tested By: Chris Farman
 Scientist
 Date: 04/16/2025



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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	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	Metalaxyl	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
Captan	30	100	NT	MGK-264	30	100	NT
Carbaryl	30	100	ND	Myclobutanil	30	100	ND
Carbofuran	30	100	ND	Naled	30	100	ND
Chloranthraniliprole	30	100	ND	Oxamyl	30	100	ND
Chlordane	30	100	NT	Paclobutrazol	30	100	ND
Chlorfenapyr	30	100	ND	Parathion methyl	30	100	NT
Chlorpyrifos	30	100	ND	Pentachloronitrobenzene	30	100	NT
Clofentezine	30	100	ND	Permethrin	30	100	ND
Coumaphos	30	100	ND	Phosmet	30	100	ND
Cyfluthrin	30	100	NT	Piperonyl Butoxide	30	100	ND
Cypermethrin	30	100	ND	Prallethrin	30	100	ND
Daminozide	30	100	NT	Propiconazole	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
Flonicamid	30	100	ND	Trifloxystrobin	30	100	ND
Fludioxonil	30	100	ND				

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 Commercial Director
 Date: 05/29/2025



Tested By: Anthony Mattingly
 Scientist
 Date: 04/15/2025



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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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Microbials by PCR and Plating

Analyte	LOD (CFU/g)	Result (CFU/g)	Result (Qualitative)	
Total aerobic count	10	ND		P
Aspergillus flavus	1		Not Detected per 1 gram	P
Aspergillus fumigatus	1		Not Detected per 1 gram	P
Aspergillus niger	1		Not Detected per 1 gram	P
Aspergillus terreus	1		Not Detected per 1 gram	P
Total coliforms	10	ND		P
Enterobacteriaceae	10	ND		P
Generic E. coli	10	ND		P
Salmonella spp.	1		Not Detected per 1 gram	P
Shiga-toxin producing E. coli (STEC)	1		Not Detected per 1 gram	P
Total yeast and mold count (TYMC)	10	ND		P

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Generated By: Ryan Bellone
 Commercial Director
 Date: 05/29/2025



Tested By: Sara Cook
 Laboratory Technician
 Date: 04/15/2025



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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	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				

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Generated By: Ryan Bellone
 Commercial Director
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Tested By: Kelsey Rogers
 Scientist
 Date: 04/15/2025

