

Organic Full Spectrum Oil

 Sample ID: SA-230623-23294
 Batch: OO23172
 Type: Finished Product - Ingestible
 Matrix: Oil / Liquid - Hemp Seed Oil
 Unit Mass (g):

 Collected: 06/23/2023
 Received: 06/27/2023
 Completed: 06/30/2023

Client
 Straight Hemp
 4927 SW 41st Blvd, Ste 40
 Gainesville, FL 32608
 USA
 Lic. #: 403940


Summary

Test	Date Tested	Status
Cannabinoids	06/29/2023	Tested
Heavy Metals	06/29/2023	Tested
Microbials	06/30/2023	Tested
Mycotoxins	06/29/2023	Tested
Pesticides	06/29/2023	Tested
Residual Solvents	06/30/2023	Tested
Terpenes	06/28/2023	Tested

1.42 mg/mL Total Δ9-THC	34.4 mg/mL Total CBD	38.7 mg/mL Total Cannabinoids	Not Tested Moisture Content	Not Tested Foreign Matter	Yes Internal Standard Normalization
-----------------------------------	--------------------------------	---	---------------------------------------	-------------------------------------	---

Cannabinoids by HPLC-PDA, LC-MS/MS, and/or GC-MS/MS

Analyte	LOD (mg/mL)	LOQ (mg/mL)	Result (mg/mL)	Result (%)
CBC	0.00095	0.00284	1.5515	0.169
CBCA	0.00181	0.00543	ND	ND
CBCV	0.0006	0.0018	ND	ND
CBD	0.00081	0.00242	33.41158	3.64
CBDA	0.00043	0.0013	1.14685	0.125
CBDV	0.00061	0.00182	0.23608	0.0258
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	ND	ND
CBNA	0.0006	0.00181	ND	ND
CBT	0.0018	0.0054	0.97457	0.106
Δ8-THC	0.00104	0.00312	ND	ND
Δ9-THC	0.00076	0.00227	1.42217	0.155
Δ9-THCA	0.00084	0.00251	ND	ND
Δ9-THCV	0.00069	0.00206	ND	ND
Δ9-THCVA	0.00062	0.00186	ND	ND
Total Δ9-THC			1.42	0.155
Total			38.7	4.23

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
 CCO
 Date: 06/30/2023



 Tested By: Nicholas Howard
 Scientist
 Date: 06/29/2023

 ISO/IEC 17025:2017 Accredited
 Accreditation #108651


Organic Full Spectrum Oil

Sample ID: SA-230623-23294
 Batch: OO23172
 Type: Finished Product - Ingestible
 Matrix: Oil / Liquid - Hemp Seed Oil
 Unit Mass (g):

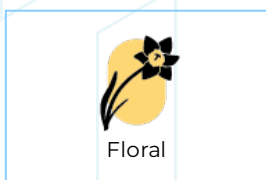
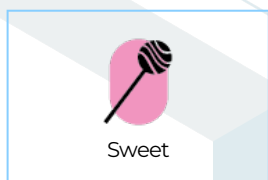
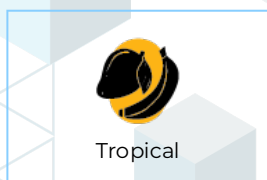
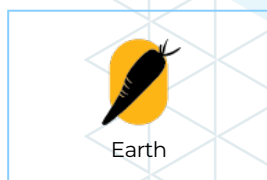
Collected: 06/23/2023
 Received: 06/27/2023
 Completed: 06/30/2023

Client
 Straight Hemp
 4927 SW 41st Blvd, Ste 40
 Gainesville, FL 32608
 USA
 Lic. #: 403940

Terpenes by GC-MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Analyte	LOD (%)	LOQ (%)	Result (%)
α-Bisabolol	0.002	0.01	0.113	Limonene	0.002	0.01	0.0412
(+)-Borneol	0.002	0.01	<LOQ	Linalool	0.002	0.01	0.0135
Camphene	0.002	0.01	<LOQ	β-myrcene	0.002	0.01	0.145
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	0.113	trans-Nerolidol	0.002	0.01	<LOQ
Caryophyllene Oxide	0.002	0.01	0.0109	Ocimene	0.002	0.01	<LOQ
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	0.0352
Eucalyptol	0.002	0.01	<LOQ	β-Pinene	0.002	0.01	0.0166
Fenchone	0.004	0.02	<LOQ	Pulegone	0.002	0.01	ND
Fenchyl Alcohol	0.002	0.01	<LOQ	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	<LOQ
Guaiol	0.002	0.01	0.0278	γ-Terpinene	0.002	0.01	<LOQ
α-Humulene	0.002	0.01	0.0496	α-Terpineol	0.001	0.005	0.0054
Isoborneol	0.002	0.01	ND	γ-Terpineol	0.001	0.005	ND
Isopulegol	0.002	0.01	ND	Terpinolene	0.002	0.01	0.0107
				Valencene	0.002	0.01	ND
				Total Terpenes (%)			0.654

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




Generated By: Ryan Bellone
 CCO
 Date: 06/30/2023



Tested By: Jasper van Heemst
 Principal Scientist
 Date: 06/28/2023



Organic Full Spectrum Oil

Sample ID: SA-230623-23294
 Batch: OO23172
 Type: Finished Product - Ingestible
 Matrix: Oil / Liquid - Hemp Seed Oil
 Unit Mass (g):

Collected: 06/23/2023
 Received: 06/27/2023
 Completed: 06/30/2023

Client
 Straight Hemp
 4927 SW 41st Blvd, Ste 40
 Gainesville, FL 32608
 USA
 Lic. #: 403940

Heavy Metals by ICP-MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
Arsenic	2	20	ND
Cadmium	1	20	ND
Lead	2	20	ND
Mercury	12	50	ND

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



Generated By: Ryan Bellone
 CCO
 Date: 06/30/2023



Tested By: Kelsey Rogers
 Scientist
 Date: 06/29/2023



Organic Full Spectrum Oil

 Sample ID: SA-230623-23294
 Batch: OO23172
 Type: Finished Product - Ingestible
 Matrix: Oil / Liquid - Hemp Seed Oil
 Unit Mass (g):

 Collected: 06/23/2023
 Received: 06/27/2023
 Completed: 06/30/2023

Client
 Straight Hemp
 4927 SW 41st Blvd, Ste 40
 Gainesville, FL 32608
 USA
 Lic. #: 403940

Pesticides by LC-MS/MS

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

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



 Generated By: Ryan Bellone
 CCO
 Date: 06/30/2023



 Tested By: Jasper van Heemst
 Principal Scientist
 Date: 06/29/2023


Organic Full Spectrum Oil

Sample ID: SA-230623-23294
 Batch: OO23172
 Type: Finished Product - Ingestible
 Matrix: Oil / Liquid - Hemp Seed Oil
 Unit Mass (g):

Collected: 06/23/2023
 Received: 06/27/2023
 Completed: 06/30/2023

Client
 Straight Hemp
 4927 SW 41st Blvd, Ste 40
 Gainesville, FL 32608
 USA
 Lic. #: 403940

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



Generated By: Ryan Bellone
 CCO
 Date: 06/30/2023



Tested By: Jasper van Heemst
 Principal Scientist
 Date: 06/29/2023



Organic Full Spectrum Oil

Sample ID: SA-230623-23294
 Batch: OO23172
 Type: Finished Product - Ingestible
 Matrix: Oil / Liquid - Hemp Seed Oil
 Unit Mass (g):

Collected: 06/23/2023
 Received: 06/27/2023
 Completed: 06/30/2023

Client
 Straight Hemp
 4927 SW 41st Blvd, Ste 40
 Gainesville, FL 32608
 USA
 Lic. #: 403940

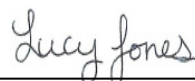
Microbials by PCR and Plating

Analyte	LOD (CFU/g)	Result (CFU/g)	Result (Qualitative)
Total aerobic count	1	ND	
Total coliforms	1	ND	
Generic E. coli	1	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
 CCO
 Date: 06/30/2023



Tested By: Lucy Jones
 Scientist
 Date: 06/30/2023



Organic Full Spectrum Oil

Sample ID: SA-230623-23294
 Batch: OO23172
 Type: Finished Product - Ingestible
 Matrix: Oil / Liquid - Hemp Seed Oil
 Unit Mass (g):

Collected: 06/23/2023
 Received: 06/27/2023
 Completed: 06/30/2023

Client
 Straight Hemp
 4927 SW 41st Blvd, Ste 40
 Gainesville, FL 32608
 USA
 Lic. #: 403940

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 Glycol	21	62	ND
Acetonitrile	14	41	ND	Ethylene Oxide	0.5	1	ND
Benzene	0.5	1	ND	Heptane	167	500	ND
Butane	167	500	ND	n-Hexane	10	29	ND
1-Butanol	167	500	ND	Isobutane	167	500	ND
2-Butanol	167	500	ND	Isopropyl Acetate	167	500	ND
2-Butanone	167	500	ND	Isopropyl Alcohol	167	500	ND
Chloroform	2	6	ND	Isopropylbenzene	167	500	ND
Cyclohexane	129	388	ND	Methanol	100	300	ND
1,2-Dichloroethane	0.5	1	ND	2-Methylbutane	10	29	ND
1,2-Dimethoxyethane	4	10	ND	Methylene Chloride	20	60	ND
Dimethyl Sulfoxide	167	500	ND	2-Methylpentane	10	29	ND
N,N-Dimethylacetamide	37	109	ND	3-Methylpentane	10	29	ND
2,2-Dimethylbutane	10	29	ND	n-Pentane	167	500	ND
2,3-Dimethylbutane	10	29	ND	1-Pentanol	167	500	ND
N,N-Dimethylformamide	30	88	ND	n-Propane	167	500	ND
2,2-Dimethylpropane	167	500	ND	1-Propanol	167	500	ND
1,4-Dioxane	13	38	ND	Pyridine	7	20	ND
Ethanol	167	500	ND	Tetrahydrofuran	24	72	ND
2-Ethoxyethanol	6	16	ND	Toluene	30	89	ND
Ethyl Acetate	167	500	ND	Trichloroethylene	3	8	ND
Ethyl Ether	167	500	ND	Tetramethylene Sulfone	6	16	ND
Ethylbenzene	3	7	ND	Xylenes (o-, m-, and p-)	73	217	ND

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



Generated By: Ryan Bellone
 CCO
 Date: 06/30/2023



Tested By: Scott Caudill
 Senior Scientist
 Date: 06/30/2023

