



Order #: 87882
Retail Batch #:
2422G

CERTIFICATE OF ANALYSIS
ISO/IEC: 17025:2017 Accreditation #:
103104
License #: CMTL-00004

Order Information

Order #: 87882
Order Name: Full Spectrum 1000 Peppermint
Retail Batch #: 2422G
Received: 07/23/2024 12:35:11
Complete: 07/31/2024 16:20:24

Batch Information

Create Date: 07/22/2024
Exp. Date: 01/21/2026
Size: 28

Total Qty.: 2,500
Matrix: Tincture
Pickup Weight: N/A

CANNABINOID PROFILE

TESTED

LABEL CLAIM

PASS

MICROBIAL ANALYSIS

PASS

RESIDUAL SOLVENTS

PASS

AGRICULTURAL AGENTS

PASS

HEAVY METAL ANALYSIS

PASS

TERPENES TOTAL

TESTED

MOISTURE ANALYSIS

NOT TESTED

WATER ACTIVITY

TESTED

FILTH & FOREIGN MATERIAL
ANALYSIS

PASS

HOMOGENEITY

NOT TESTED

MYCOTOXIN ANALYSIS

PASS



0.0000 %

Total THC

3.8969 %

Total CBD

3.9710 %

Total Cannabinoids

Robert Miller PhD.

Laboratory Director



ACT Laboratories Florida
4001 SW 47th Avenue, Suite 208
Davie, FL 33314
(954) 514-9343





Order #: 87882
Retail Batch #:
2422G

CERTIFICATE OF ANALYSIS
ISO/IEC: 17025:2017 Accreditation #:
103104
License #: CMTL-00004

Sample Prep

Tech: 3445
SOP: 418
Batch Number: 63297
Batch Date: 07/23/2024 13:07:38

Sample Analysis

Date/Time: 07/25/2024 17:01:42
Tech: 3445
SOP: 417
Final Weight: 1.0059 g
Volume: 40 ml

CANNABINOID PROFILE

HPLC-DAD

ND Total THC	ND THC Per Unit	ND THC Per Pkg
3.8969 % Total CBD	1091.132 mg CBD Per Unit	1091.132 mg CBD Per Pkg
3.9710 % Total Cannabinoids	1111.880 mg Cannabinoids Per Unit	1111.880 mg Cannabinoids Per Pkg

Cannabinoid Potency

ANALYTE	LOD/LOQ (mg/g)	DIL.	WEIGHT %	MG/G	MG/UNIT	MG/PACKAGE	LABEL CLAIM (mg)	% LABEL VAR.
CBC	0.064/0.1954	26	0.0225	0.225	6.300	6.300	--	--
CBD	0.064/0.1954	26	3.8969	38.969	1091.132	1091.132	1000	9.1
CBDA	0.064/0.1954	26	ND	ND	ND	ND	--	--
CBDV	0.064/0.1954	26	<LOQ	<LOQ	<LOQ	<LOQ	--	--
CBG	0.064/0.1954	26	0.0272	0.272	7.616	7.616	--	--
CBGA	0.064/0.1954	26	ND	ND	ND	ND	--	--
CBN	0.064/0.1954	26	ND	ND	ND	ND	--	--
d8-THC	0.064/0.1954	26	ND	ND	ND	ND	--	--
d9-THC	0.064/0.1954	26	ND	ND	ND	ND	--	--
THCA	0.064/0.1954	26	ND	ND	ND	ND	--	--
THCV	0.064/0.1954	26	ND	ND	ND	ND	--	--

Additional Cannabinoids

ANALYTE	LOD/LOQ (mg/g)	DIL.	WEIGHT %	MG/G	MG/UNIT	MG/PACKAGE	LABEL CLAIM (mg)	% LABEL VAR.
CBDVA	0.064/0.1954	26	ND	ND	ND	ND	--	--
CBL	0.064/0.1954	26	ND	ND	ND	ND	--	--
CBT	0.064/0.1954	26	0.0244	0.244	6.832	6.832	--	--
d10-THC	0.064/0.1954	26	ND	ND	ND	ND	--	--
d9-THCP	0.064/0.1954	26	ND	ND	ND	ND	--	--
exo-THC	0.064/0.1954	26	ND	ND	ND	ND	--	--

mg/unit = 28 (g) per unit x 1 (g/ml) x cannabinoid concentration (mg/g)
Total THC = THC + (0.877 x THCA) and Total CBD = CBD + (0.877 x CBDA)
ND = Not Detected, NT = Not Tested, <LOQ = Below Limit of Quantitation

CANNABINOID TOTALS	WEIGHT %	MG/G	MG/UNIT	MG/PACKAGE
Total THC	ND	ND	ND	ND
Total CBD	3.8969	38.969	1091.132	1091.132
Total Cannabinoids	3.9710	39.710	1111.880	1111.880

Robert Miller PhD.

Laboratory Director



ACT Laboratories Florida
4001 SW 47th Avenue, Suite 208
Davie, FL 33314
(954) 514-9343





Order #: 87882
Retail Batch #:
2422G

CERTIFICATE OF ANALYSIS
ISO/IEC: 17025:2017 Accreditation #:
103104
License #: CMTL-00004

Agricultural Agents

GC-MS/MS

PASS

Sample Prep

Tech: 4481
SOP: 402
Batch Number: 63298
Batch Date: 07/23/2024 13:09:33

Sample Analysis

Date/Time: 07/25/2024 14:43:16
Tech: 2816
SOP: 402
Final Weight: 0.4992 g
Volume: 10 ml

ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LEVEL (ppm)	RESULTS (ppm)
Captan	0.07/0.1	1	3	ND
Chlordane	0.01/0.1	1	0.1	ND
Chlorfenapyr	0.01/0.1	1	0.1	ND
Coumaphos	0.01/0.1	1	0.1	ND
Cyfluthrin	0.01/0.1	1	1	ND
Cypermethrin	0.01/0.1	1	1	ND
Methyl parathion	0.01/0.1	1	0.1	ND
Pentachloronitrobenzene	0.01/0.1	1	0.2	ND

MYCOTOXIN ANALYSIS

LC-MS/MS

PASS

Sample Prep

Tech: 3445
SOP: 432
Batch Number: 63290
Batch Date: 07/22/2024 11:26:22

Sample Analysis

Date/Time: 07/25/2024 16:46:20
Tech: 3445
SOP: 424
Final Weight: 0.102 g
Volume: 2.5 ml

ANALYTE	LOD/LOQ (ppb)	DIL.	ACTION LEVEL (ppb)	RESULTS (ppb)
Aflatoxin B1	2/10	1	20	ND
Aflatoxin B2	2/10	1	20	ND
Aflatoxin G1	2/10	1	20	ND
Aflatoxin G2	2/5	1	20	ND
Ochratoxin A	2/10	1	20	ND

Robert Miller PhD.

Laboratory Director



ACT Laboratories Florida
4001 SW 47th Avenue, Suite 208
Davie, FL 33314
(954) 514-9343





Order #: 87882
Retail Batch #:
2422G

CERTIFICATE OF ANALYSIS
ISO/IEC: 17025:2017 Accreditation #:
103104
License #: CMTL-00004

Agricultural Agents

LC-MS/MS

PASS

Sample Prep

Tech: 3445
SOP: 432
Batch Number: 63290
Batch Date: 07/22/2024 11:26:22

Sample Analysis

Date/Time: 07/25/2024 16:46:20
Tech: 3445
SOP: 424
Final Weight: 0.102 g
Volume: 2.5 ml

ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LEVEL(ppm)	RESULTS (ppm)	ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LIMIT(ppm)	RESULTS (ppm)
Abamectin B1a	0.002/0.035	1	0.3	ND	Imazalil	0.002/0.01	1	0.1	ND
Acephate	0.002/0.04	1	3	ND	Imidacloprid	0.002/0.002	1	3	ND
Acequinocyl	0.002/0.002	1	2	ND	Kresoxim-methyl	0.002/0.002	1	1	ND
Acetamiprid	0.002/0.002	1	3	ND	Malathion	0.01/0.04	1	2	ND
Aldicarb	0.002/0.01	1	0.1	ND	Metalaxyl	0.002/0.004	1	3	ND
Azoxystrobin	0.002/0.04	1	3	ND	Methiocarb	0.002/0.01	1	0.1	ND
Bifenazate	0.002/0.002	1	3	ND	Methomyl	0.002/0.002	1	0.1	ND
Bifenthrin	0.002/0.002	1	0.5	ND	Mevinphos	0.009/0.036	1	0.1	ND
Boscalid	0.01/0.05	1	3	ND	Myclobutanil	0.002/0.04	1	3	ND
Carbaryl	0.002/0.004	1	0.5	ND	Naled	0.002/0.01	1	0.5	ND
Carbofuran	0.002/0.01	1	0.1	ND	Oxamyl	0.002/0.002	1	0.5	ND
Chlorantraniliprole	0.002/0.01	1	3	ND	Paclobutrazol	0.002/0.004	1	0.1	ND
Chlormequat chloride	0.002/0.004	1	3	ND	Permethrins	0.002/0.01	1	1	ND
Chlorpyrifos	0.002/0.01	1	0.1	ND	Phosmet	0.002/0.002	1	0.2	ND
Clofentezine	0.002/0.002	1	0.5	ND	Piperonyl Butoxide	0.002/0.002	1	3	ND
Daminozide	0.01/0.04	1	0.1	ND	Prallethrin	0.002/0.01	1	0.4	ND
Diazinon	0.002/0.01	1	0.2	ND	Propiconazole	0.002/0.04	1	1	ND
Dichlorvos	0.002/0.04	1	0.1	ND	Propoxur	0.002/0.01	1	0.1	ND
Dimethoate	0.002/0.002	1	0.1	ND	Pyrethrins	0.001/0.013	1	1	ND
Dimethomorph	0.001/0.002	1	3	ND	Pyridaben	0.002/0.002	1	3	ND
Ethoprophos	0.002/0.01	1	0.1	ND	Spinetoram	0.001/0.003	1	3	ND
Etofenprox	0.002/0.002	1	0.1	ND	Spinosad	0.001/0.001	1	3	ND
Etoxazole	0.002/0.002	1	1.5	ND	Spiromesifen	0.002/0.002	1	3	ND
Fenhexamid	0.01/0.04	1	3	ND	Spirotetramat	0.002/0.01	1	3	ND
Fenoxycarb	0.002/0.004	1	0.1	ND	Spiroxamine	0.002/0.04	1	0.1	ND
Fenpyroximate	0.002/0.002	1	2	ND	Tebuconazole	0.01/0.04	1	1	ND
Fipronil	0.002/0.004	1	0.1	ND	Thiacloprid	0.002/0.002	1	0.1	ND
Flonicamid	0.002/0.01	1	2	ND	Thiamethoxam	0.002/0.01	1	1	ND
Fludioxonil	0.002/0.004	1	3	ND	Trifloxystrobin	0.002/0.002	1	3	ND
Hexythiazox	0.002/0.004	1	2	ND					

Robert Miller PhD.

Laboratory Director



ACT Laboratories Florida
4001 SW 47th Avenue, Suite 208
Davie, FL 33314
(954) 514-9343





Order #: 87882
Retail Batch #:
2422G

CERTIFICATE OF ANALYSIS
ISO/IEC: 17025:2017 Accreditation #:
103104
License #: CMTL-00004

TERPENES TOTAL
GC-FID **TESTED (0.092 %)**

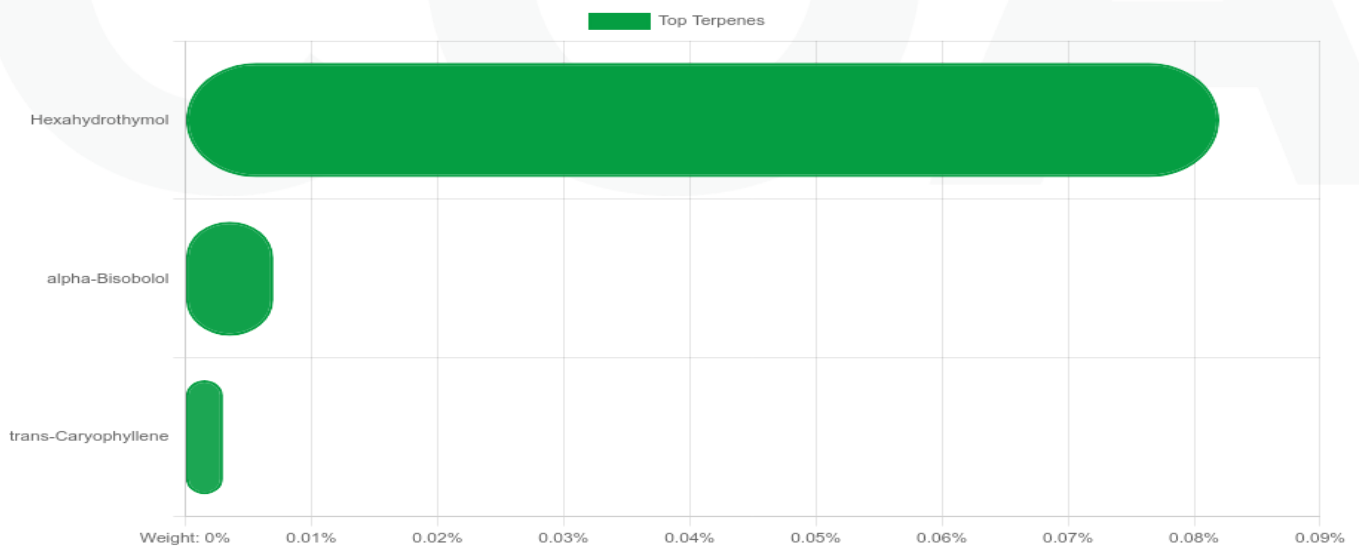
Sample Prep

Tech: 4481
SOP: 421
Batch Number: 63304
Batch Date: 07/23/2024 13:25:47

Sample Analysis

Date/Time: 07/25/2024 15:03:22
Tech: 2816
SOP: 419
Final Weight: 0.4135 g
Volume: 10 ml

TERPENE	LOD/LOQ (%)	DIL.	RESULTS (%)	TERPENE	LOD/LOQ (%)	DIL.	RESULTS (%)
3-Carene	0.001/0.003	1	ND	Geraniol	0.001/0.003	1	ND
alpha-Bisobolol	0.001/0.003	1	0.007	Geranyl acetate	0.001/0.003	1	ND
alpha-Cedrene	0.001/0.003	1	ND	Guaiol	0.001/0.003	1	ND
alpha-Humulene	0.001/0.003	1	ND	Hexahydrothymol	0.001/0.003	1	0.082
alpha-Pinene	0.001/0.003	1	ND	Isoborneol	0.001/0.003	1	ND
alpha-Terpinene	0.001/0.003	1	ND	Isopulegol	0.001/0.003	1	ND
beta-Myrcene	0.001/0.003	1	<LOQ	Limonene	0.001/0.003	1	ND
beta-Pinene	0.001/0.003	1	ND	Linalool	0.001/0.003	1	ND
Borneol	0.001/0.003	1	ND	Nerol	0.001/0.003	1	ND
Camphene	0.001/0.003	1	ND	p-Mentha-1,5-diene	0.001/0.003	1	ND
Camphor	0.001/0.003	1	ND	Pulegone	0.001/0.003	1	ND
Caryophyllene oxide	0.001/0.003	1	ND	Sabinene hydrate	0.001/0.003	1	ND
Cedrol	0.001/0.003	1	ND	Terpineol	0.001/0.003	1	ND
cis-Nerolidol	0.001/0.003	1	ND	Terpinolene	0.001/0.003	1	ND
cis-Ocimene	0.001/0.003	1	ND	trans-Caryophyllene	0.001/0.003	1	0.003
Eucalyptol	0.001/0.003	1	<LOQ	trans-Nerolidol	0.001/0.003	1	ND
Fenchone	0.001/0.003	1	ND	trans-Ocimene	0.001/0.003	1	ND
Fenchyl alcohol	0.001/0.003	1	ND	Valencene	0.001/0.003	1	ND
gamma-Terpinene	0.001/0.003	1	ND				



Robert Miller PhD.

Laboratory Director



ACT Laboratories Florida
4001 SW 47th Avenue, Suite 208
Davie, FL 33314
(954) 514-9343





Order #: 87882
Retail Batch #:
2422G

CERTIFICATE OF ANALYSIS
ISO/IEC: 17025:2017 Accreditation #:
103104
License #: CMTL-00004

RESIDUAL SOLVENTS

HS-GC-MS

PASS

Sample Prep

Tech: 2816
SOP: 405
Batch Number: 63324
Batch Date: 07/26/2024 16:52:02

Sample Analysis

Date/Time: 07/31/2024 13:17:47
Tech: 2816
SOP: 405
Final Weight: 0.0519 g
Volume: 1 ml

ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LIMIT (ppm)	RESULTS (ppm)	ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LIMIT (ppm)	RESULTS (ppm)
1,1-Dichloroethene	0.6/0.63	1	8	ND	Heptane	6/140	1	5000	ND
1,2-Dichloroethane	0.012/0.12	1	2	ND	Hexanes	0.06/18	1	250	ND
Acetone	9/140	1	750	ND	Isopropyl alcohol	3/140	1	500	<LOQ
Acetonitrile	0.72/25	1	60	<LOQ	Methanol	6/100	1	250	<LOQ
Benzene	0.06/1	1	1	ND	Methylene chloride	1.5/1.5	1	125	ND
Butane	48/50	1	5000	ND	Pentane	9/140	1	750	ND
Chloroform	0.2/1	1	2	ND	Propane	30/30	1	5000	ND
Ethanol	12/140	1	5000	ND	Toluene	0.9/53	1	150	ND
Ethyl acetate	2.4/140	1	400	ND	Total xylenes	1.8/130	1	150	ND
Ethyl ether	6/140	1	500	ND	Trichloroethylene	0.3/1	1	25	ND
Ethylene oxide	0.6/2	1	5	ND					

HEAVY METAL ANALYSIS

ICP-MS

PASS

Sample Prep

Tech: 3445
SOP: 428
Batch Number: 63311
Batch Date: 07/24/2024 12:36:14

Sample Analysis

Date/Time: 07/25/2024 16:32:42
Tech: 3445
SOP: 428
Final Weight: 0.292 g
Volume: 60 ml

ANALYTE	LOD/LOQ (ppb)	DIL.	ACTION LIMIT (ppb)	RESULTS (ppb)
Arsenic	20/75	1	1500	<LOQ
Cadmium	20/75	1	500	ND
Lead	20/75	1	500	<LOQ
Mercury	20/75	1	3000	ND

FILTH & FOREIGN MATERIAL ANALYSIS

Result: **PASS**

Sample Prep and Analysis

Date/Time: 07/24/2024 11:15:47
Tech: 4481
SOP: 409
Final Weight: 11.6345 g

Robert Miller PhD.

Laboratory Director



ACT Laboratories Florida
4001 SW 47th Avenue, Suite 208
Davie, FL 33314
(954) 514-9343





Order #: 87882
Retail Batch #:
2422G

CERTIFICATE OF ANALYSIS
ISO/IEC: 17025:2017 Accreditation #:
103104
License #: CMTL-00004

MICROBIAL ANALYSIS

PASS

Sample Prep

Tech: 4481
SOP: 406

Batch Number: 63299
Batch Date: 07/23/2024 13:16:18

Date/Time: 07/24/2024 16:00:13
Tech: 3358
SOP: 406

Sample Analysis

Final Weight: 1.0238 g

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL
Total yeast and mold	qPCR	NA	NOT DETECTED	PASS

Sample Prep

Tech: 4481
SOP: 406

Batch Number: 63301
Batch Date: 07/23/2024 13:17:23

Date/Time: 07/25/2024 18:10:00
Tech: 4302
SOP: 406

Sample Analysis

Final Weight: 1.0221 g

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL
Salmonella	qPCR	< 1 CFU/g	NOT DETECTED	PASS
STEC e. coli	qPCR	< 1 CFU/g	NOT DETECTED	PASS

Sample Prep

Tech: 4481
SOP: 406

Batch Number: 63301
Batch Date: 07/23/2024 13:17:23

Date/Time: 07/25/2024 18:10:00
Tech: 4302
SOP: 406

Sample Analysis

Final Weight: 1.0221 g

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL
Aspergillus flavus	qPCR	< 1 CFU/g	NOT DETECTED	PASS
Aspergillus fumigatus	qPCR	< 1 CFU/g	NOT DETECTED	PASS
Aspergillus niger	qPCR	< 1 CFU/g	NOT DETECTED	PASS
Aspergillus terreus	qPCR	< 1 CFU/g	NOT DETECTED	PASS

Robert Miller PhD.

Laboratory Director



ACT Laboratories Florida
4001 SW 47th Avenue, Suite 208
Davie, FL 33314
(954) 514-9343





Order #: 87882
Retail Batch #:
2422G

CERTIFICATE OF ANALYSIS
ISO/IEC: 17025:2017 Accreditation #:
103104
License #: CMTL-00004

MICROBIAL ANALYSIS

PASS

Sample Prep

Tech: 4481
SOP: 406

Batch Number: 63301
Batch Date: 07/23/2024 13:17:23

Sample Analysis

Date/Time: 07/25/2024 18:10:00
Tech: 4302
SOP: 406

Final Weight: 1.0221 g

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL
Pathogenic e. coli	qPCR	NA	NOT DETECTED	PASS

Robert Miller PhD.

Laboratory Director



ACT Laboratories Florida
4001 SW 47th Avenue, Suite 208
Davie, FL 33314
(954) 514-9343





Order #: 87882
Retail Batch #:
2422G

CERTIFICATE OF ANALYSIS

ISO/IEC: 17025:2017 Accreditation #:

103104

License #: CMTL-00004

WATER ACTIVITY

Water Activity Meter
Water: 0.524 Aw

Sample Prep and Analysis

Date/Time: 07/24/2024 11:15:47

Tech: 4481

SOP: 407

Final Weight: 1.0159 g

Robert Miller PhD.

Laboratory Director



ACT Laboratories Florida

4001 SW 47th Avenue, Suite 208
Davie, FL 33314
(954) 514-9343



