



Sunflora
Order #: 87371
Retail Batch #: CBN
Rest Tincture FS
Blueberry 1800mg
052024FSZZ

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

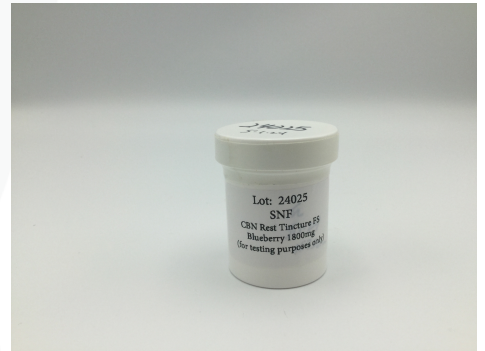
Order Information

Order #: 87371
Order Name: CBN Rest Tincture FS Blueberry
1800mg 052024FSZZ
Retail Batch #: CBN Rest Tincture FS Blueberry
1800mg 052024FSZZ
Received: 06/17/2024 12:37:38
Complete: 06/26/2024 00:39:48

Batch Information

Create Date: Total Qty.: 0
Exp. Date: Matrix: Tincture
Size: 0 Pickup Weight: N/A

CANNABINOID PROFILE TESTED	LABEL CLAIM NOT APPLICABLE	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



0.0643 %
Total THC

4.1759 %
Total CBD

6.1986 %
Total Cannabinoids

Robert Miller PhD.

Laboratory Director



ACT Laboratories Florida
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(954) 514-9343





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Sample Prep

Tech: 3445
 SOP: 418
 Batch Number: 63116
 Batch Date: 06/24/2024 09:27:37

Sample Analysis

Date/Time: 06/25/2024 11:58:56
 Tech: 3445
 SOP: 417
 Final Weight: 0.2059 g
 Volume: 40 ml

CANNABINOID PROFILE

HPLC-DAD

0.0643 % Total THC	0.643 mg THC Per Unit	19.282 mg THC Per Pkg
4.1759 % Total CBD	41.742 mg CBD Per Unit	1252.269 mg CBD Per Pkg
6.1986 % Total Cannabinoids	61.961 mg Cannabinoids Per Unit	1858.836 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	1	0.1368	1.368	1.367	41.024	--	--
CBD	0.064/0.1954	1	4.1759	41.759	41.742	1252.269	--	--
CBDA	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBDV	0.064/0.1954	1	0.0302	0.302	0.302	9.056	--	--
CBG	0.064/0.1954	1	0.0545	0.545	0.545	16.343	--	--
CBGA	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBN	0.064/0.1954	1	1.7369	17.369	17.362	520.862	--	--
d8-THC	0.064/0.1954	1	ND	ND	ND	ND	--	--
d9-THC	0.064/0.1954	1	0.0643	0.643	0.643	19.282	--	--
THCA	0.064/0.1954	1	ND	ND	ND	ND	--	--
THCV	0.064/0.1954	1	ND	ND	ND	ND	--	--

mg/unit = 1 (g) per unit x 0.9996 (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	0.0643	0.643	0.643	19.282
Total CBD	4.1759	41.759	41.742	1252.269
Total Cannabinoids	6.1986	61.986	61.961	1858.836

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Agricultural Agents

GC-MS/MS

PASS

Sample Prep

Tech: 4090
 SOP: 402
 Batch Number: 63074
 Batch Date: 06/17/2024 13:13:18

Sample Analysis

Date/Time: 06/20/2024 18:18:36
 Tech: 2816
 SOP: 402
 Final Weight: 0.5472 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: 4090
 SOP: 432
 Batch Number: 63072
 Batch Date: 06/17/2024 13:12:55

Sample Analysis

Date/Time: 06/20/2024 16:54:33
 Tech: 3445
 SOP: 424
 Final Weight: 0.1016 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

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Agricultural Agents

LC-MS/MS

PASS

Sample Prep

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 SOP: 432
 Batch Number: 63072
 Batch Date: 06/17/2024 13:12:55

Sample Analysis

Date/Time: 06/20/2024 16:54:33
 Tech: 3445
 SOP: 424
 Final Weight: 0.1016 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
Chloromequat chloride	0.002/0.004	1	3	ND	Permethrins	0.002/0.01	1	1	<LOQ
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	0.003
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
Fonicamid	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					

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TERPENES TOTAL
 GC-FID
TESTED (0.315 %)

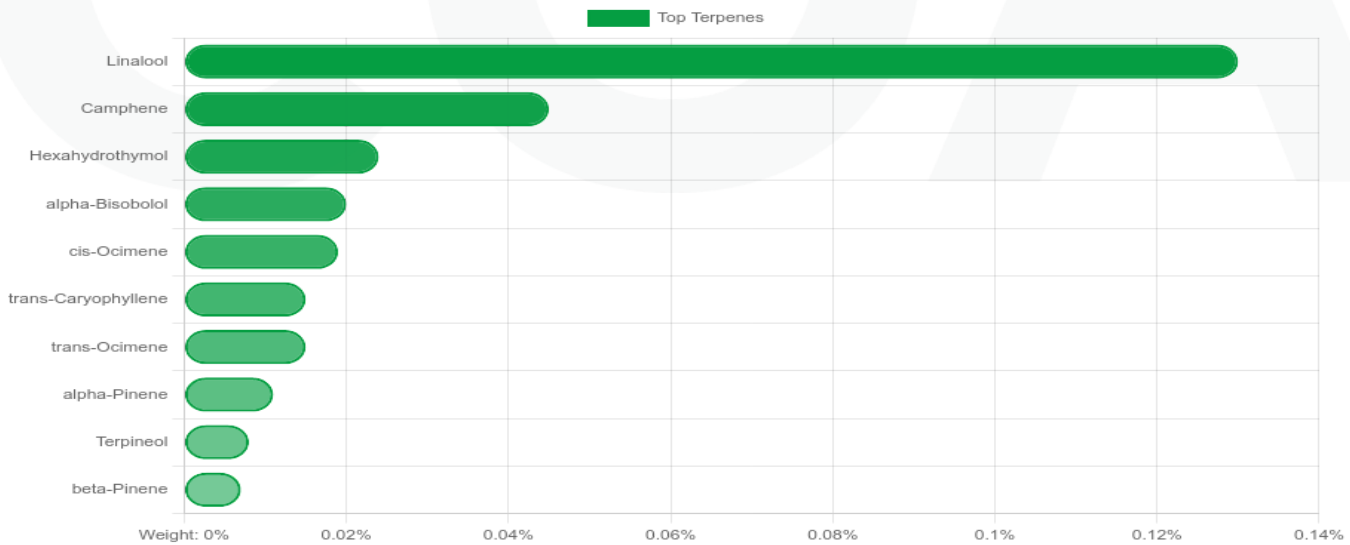
Sample Prep

Tech: 4090
 SOP: 421
 Batch Number: 63073
 Batch Date: 06/17/2024 13:13:09

Sample Analysis

Date/Time: 06/21/2024 10:24:08
 Tech: 2816
 SOP: 419
 Final Weight: 0.4031 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	0.020	Geranyl acetate	0.001/0.003	1	ND
alpha-Cedrene	0.001/0.003	1	ND	Guaiol	0.001/0.003	1	0.005
alpha-Humulene	0.001/0.003	1	<LOQ	Hexahydrothymol	0.001/0.003	1	0.024
alpha-Pinene	0.001/0.003	1	0.011	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	0.003	Limonene	0.001/0.003	1	0.004
beta-Pinene	0.001/0.003	1	0.007	Linalool	0.001/0.003	1	0.130
Borneol	0.001/0.003	1	0.005	Nerol	0.001/0.003	1	ND
Camphene	0.001/0.003	1	0.045	p-Mentha-1,5-diene	0.001/0.003	1	ND
Camphor	0.001/0.003	1	<LOQ	Pulegone	0.001/0.003	1	ND
Caryophyllene oxide	0.001/0.003	1	0.004	Sabinene hydrate	0.001/0.003	1	ND
Cedrol	0.001/0.003	1	<LOQ	Terpineol	0.001/0.003	1	0.008
cis-Nerolidol	0.001/0.003	1	ND	Terpinolene	0.001/0.003	1	<LOQ
cis-Ocimene	0.001/0.003	1	0.019	trans-Caryophyllene	0.001/0.003	1	0.015
Eucalyptol	0.001/0.003	1	<LOQ	trans-Nerolidol	0.001/0.003	1	<LOQ
Fenchone	0.001/0.003	1	ND	trans-Ocimene	0.001/0.003	1	0.015
Fenchyl alcohol	0.001/0.003	1	ND	Valencene	0.001/0.003	1	ND
gamma-Terpinene	0.001/0.003	1	ND				



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RESIDUAL SOLVENTS

HS-GC-MS

PASS

Sample Prep

Tech: 2816
 SOP: 405
 Batch Number: 63099
 Batch Date: 06/20/2024 12:29:38

Sample Analysis

Date/Time: 06/24/2024 09:06:33
 Tech: 2816
 SOP: 405
 Final Weight: 0.0534 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	607.411	Toluene	0.9/53	1	150	<LOQ
Ethyl acetate	2.4/140	1	400	<LOQ	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: 2816
 SOP: 428
 Batch Number: 63101
 Batch Date: 06/20/2024 14:36:46

Sample Analysis

Date/Time: 06/21/2024 15:37:35
 Tech: 3445
 SOP: 428
 Final Weight: 0.2263 g
 Volume: 60 ml

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

FILTH & FOREIGN MATERIAL ANALYSIS

Result: **PASS**

Sample Prep and Analysis

Date/Time: 06/20/2024 15:05:09
 Tech: 4481
 SOP: 409
 Final Weight: 40.8461 g

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MICROBIAL ANALYSIS

PASS

Sample Prep

Tech: 4090
 SOP: 406

Batch Number: 63070
 Batch Date: 06/17/2024 13:12:17

Date/Time: 06/18/2024 15:51:45
 Tech: 3358
 SOP: 406

Final Weight: 1.0183 g

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

Sample Analysis

Sample Prep

Tech: 4090
 SOP: 406

Batch Number: 63071
 Batch Date: 06/17/2024 13:12:33

Date/Time: 06/19/2024 16:08:55
 Tech: 3358
 SOP: 406

Final Weight: 1.0034 g

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

Sample Analysis

Sample Prep

Tech: 4090
 SOP: 406

Batch Number: 63071
 Batch Date: 06/17/2024 13:12:33

Date/Time: 06/19/2024 16:08:55
 Tech: 3358
 SOP: 406

Final Weight: 1.0034 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

Sample Analysis

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MICROBIAL ANALYSIS

PASS

Sample Prep

Tech: 4090
 SOP: 406

Batch Number: 63071
 Batch Date: 06/17/2024 13:12:33

Sample Analysis

Date/Time: 06/19/2024 16:08:55
 Tech: 3358
 SOP: 406

Final Weight: 1.0034 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

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WATER ACTIVITY

Water Activity Meter
Water: 0.680 Aw

Sample Prep and Analysis

Date/Time: 06/17/2024 15:16:14
Tech: 4481
SOP: 407
Final Weight: 1.0118 g

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