

**Roots Apothecary**

2300 highland
village road #9
highland village,
texas, 75077
7193731889
Order #: 81797
Retail Batch #:
072024

CERTIFICATE OF ANALYSIS

ISO/IEC: 17025:2017 Accreditation #:

103104

License #: CMTL-0004

Order Information

Order #: 81797

Order Name: 630mg CBD Sublingual

Retail Batch #: 072024

Received: 07/24/2023 17:25:06

Complete: 07/27/2023 17:35:53

Batch Information

Create Date: 07/20/2023

Exp. Date: 07/20/2024

Size: 62

Total Qty.: 100

Matrix: Tincture

Pickup Weight: N/A

CANNABINOID PROFILE

TESTED

LABEL CLAIM

PASS

MICROBIALS

NOT TESTED

RESIDUAL SOLVENTS

NOT TESTED

AGRICULTURAL AGENTS

PASS

HEAVY METAL ANALYSIS

PASS

TERPENES

NOT TESTED

MOISTURE ANALYSIS

NOT TESTED

WATER ACTIVITY

NOT TESTED

FILTH & FOREIGN

NOT TESTED

HOMOGENEITY

NOT TESTED

MYCOTOXINS

NOT TESTED**0.0417 %**

Total THC

1.1607 %

Total CBD

1.2920 %

Total Cannabinoids

Diana Asensio, M.S.

Lab Director

Florida

4001 SW 47th Avenue, Suite 208

Davie, FL 33314

(954) 514-9343

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Sample Prep

Tech: 4302
SOP: 418
Batch Number: 60698
Batch Date: 07/24/2023 14:14:54

Sample Analysis

Date/Time: 07/25/2023 09:54:50
Tech: 3445
SOP: 417
Final Weight: 0.2047 g
Volume: 40 ml

CANNABINOID PROFILE

HPLC-DAD

0.0417 %
Total THC

0.394 mg
THC Per Unit

24.432 mg
THC Per Pkg

1.1607 %
Total CBD

10.969 mg
CBD Per Unit

680.054 mg
CBD Per Pkg

1.2920 %
Total Cannabinoids

12.209 mg
Cannabinoids Per Unit

756.983 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	0.0364	0.364	0.344	21.327	--	--
CBD	0.064/0.1954	1	1.1607	11.607	10.969	680.054	630	7.9
CBDA	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBDV	0.064/0.1954	1	<LOQ	<LOQ	<LOQ	<LOQ	--	--
CBG	0.064/0.1954	1	0.0319	0.319	0.301	18.690	--	--
CBGA	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBN	0.064/0.1954	1	ND	ND	ND	ND	--	--
d8-THC	0.064/0.1954	1	ND	ND	ND	ND	--	--
d9-THC	0.064/0.1954	1	0.0417	0.417	0.394	24.432	--	--
THCA	0.064/0.1954	1	ND	ND	ND	ND	--	--
THCV	0.064/0.1954	1	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	1	ND	ND	ND	ND	--	--
CBL	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBT	0.064/0.1954	1	0.0213	0.213	0.201	12.480	--	--
d10-THC	0.064/0.1954	1	ND	ND	ND	ND	--	--
d9-THCP	0.064/0.1954	1	ND	ND	ND	ND	--	--
exo-THC	0.064/0.1954	1	ND	ND	ND	ND	--	--

mg/unit = 1 (g) per unit x 0.945 (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	0.0417	0.417	0.394	24.432
Total CBD	1.1607	11.607	10.969	680.054
Total Cannabinoids	1.2920	12.920	12.209	756.983

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Agricultural Agents

LC-MS/MS

PASS

Sample Prep

Tech: 4302
SOP: 432
Batch Number: 60715
Batch Date: 07/24/2023 18:19:27

Sample Analysis

Date/Time: 07/27/2023 11:55:01
Tech: 3445
SOP: 424
Final Weight: 0.103 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	Hexythiazox	0.002/0.004	1	2	ND
Acephate	0.002/0.04	1	3	ND	Imazalil	0.002/0.01	1	0.1	ND
Acequinocyl	0.002/0.002	1	2	ND	Imidacloprid	0.002/0.002	1	3	ND
Acetamiprid	0.002/0.002	1	3	ND	Kresoxim-methyl	0.002/0.002	1	1	ND
Aldicarb	0.002/0.01	1	0.1	ND	Malathion	0.01/0.04	1	2	ND
Azoxystrobin	0.002/0.04	1	3	ND	Metalaxyl	0.002/0.004	1	3	ND
Bifenazate	0.002/0.002	1	3	ND	Methiocarb	0.002/0.01	1	0.1	ND
Bifenthrin	0.002/0.002	1	0.5	ND	Methomyl	0.002/0.002	1	0.1	ND
Boscalid	0.01/0.05	1	3	ND	Mevinphos	0.009/0.036	1	0.1	ND
Carbaryl	0.002/0.004	1	0.5	ND	Myclobutanil	0.002/0.04	1	3	ND
Carbofuran	0.002/0.01	1	0.1	ND	Naled	0.002/0.01	1	0.5	ND
Chlorantraniliprole	0.002/0.01	1	3	ND	Oxamyl	0.002/0.002	1	0.5	ND
Chlormequat chloride	0.002/0.004	1	3	ND	Paclobutrazol	0.002/0.004	1	0.1	ND
Chlorpyrifos	0.002/0.01	1	0.1	ND	Permethrins	0.002/0.01	1	1	ND
Clofentezine	0.002/0.002	1	0.5	ND	Phosmet	0.002/0.002	1	0.2	ND
Daminozide	0.01/0.04	1	0.1	ND	Piperonyl Butoxide	0.002/0.002	1	3	ND
Diazinon	0.002/0.01	1	0.2	ND	Prallethrin	0.002/0.01	1	0.4	ND
Dichlorvos	0.002/0.04	1	0.1	ND	Propiconazole	0.002/0.04	1	1	ND
Dimethoate	0.002/0.002	1	0.1	ND	Propoxur	0.002/0.01	1	0.1	ND
Dimethomorph	0.001/0.002	1	3	ND	Pyrethrins	0.001/0.013	1	1	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
Etazoxole	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

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HEAVY METAL ANALYSIS

ICP-MS

PASS

Sample Prep

Tech: 4302
SOP: 428
Batch Number: 60718
Batch Date: 07/24/2023 22:24:24

Sample Analysis

Date/Time: 07/25/2023 14:30:04
Tech: 3396
SOP: 428
Final Weight: 0.2016 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

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