



Roots Apothecary
2300 highland
village road #9
highland village,
texas, 75077
7193731889
Order #: 85180
Retail Batch #:
011725

CERTIFICATE OF ANALYSIS
ISO/IEC: 17025:2017 Accreditation #:
103104
License #: CMTL-0004

Order Information

Order #: 85180
Order Name: 2520 Sublingual 011725
Retail Batch #: 011725
Received: 01/31/2024 11:47:35
Complete: 02/02/2024 12:33:01

Batch Information

Create Date: 01/17/2024
Exp. Date: 01/17/2025
Size: 62

Total Qty.: 114
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



0.1503 %
Total THC

4.6303 %
Total CBD

5.0460 %
Total Cannabinoids

Diana Asensio, M.S.

Lab Director



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





Roots Apothecary
2300 highland
village road #9
highland village,
texas, 75077
7193731889
Order #: 85180
Retail Batch #:
011725

CERTIFICATE OF ANALYSIS
ISO/IEC: 17025:2017 Accreditation #:
103104
License #: CMTL-0004

Sample Prep

Tech: 3393
SOP: 418
Batch Number: 62220
Batch Date: 01/31/2024 13:51:35

Sample Analysis

Date/Time: 02/01/2024 15:55:03
Tech: 3445
SOP: 417
Final Weight: 0.2119 g
Volume: 40 ml

CANNABINOID PROFILE

HPLC-DAD

0.1503 %
Total THC

1.420 mg
THC Per Unit

85.220 mg
THC Per Pkg

4.6303 %
Total CBD

43.756 mg
CBD Per Unit

2625.380 mg
CBD Per Pkg

5.0460 %
Total Cannabinoids

47.684 mg
Cannabinoids Per Unit

2861.082 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	0.1294	1.294	1.223	73.370	--	--
CBD	0.064/0.1954	1	4.6303	46.303	43.756	2625.380	2520	4.2
CBDA	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBDV	0.064/0.1954	1	0.0223	0.223	0.211	12.644	--	--
CBG	0.064/0.1954	1	0.1137	1.137	1.074	64.468	--	--
CBGA	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBN	0.064/0.1954	1	<LOQ	<LOQ	<LOQ	<LOQ	--	--
d8-THC	0.064/0.1954	1	ND	ND	ND	ND	--	--
d9-THC	0.064/0.1954	1	0.1503	1.503	1.420	85.220	--	--
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 0.945 (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	0.1503	1.503	1.420	85.220
Total CBD	4.6303	46.303	43.756	2625.380
Total Cannabinoids	5.0460	50.460	47.684	2861.082

Diana Asensio, M.S.

Lab Director



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





Roots Apothecary
2300 highland
village road #9
highland village,
texas, 75077
7193731889
Order #: 85180
Retail Batch #:
011725

CERTIFICATE OF ANALYSIS
ISO/IEC: 17025:2017 Accreditation #:
103104
License #: CMTL-0004

Agricultural Agents

LC-MS/MS

PASS

Sample Prep

Tech: 3445
SOP: 432
Batch Number: 62221
Batch Date: 01/31/2024 15:09:54

Sample Analysis

Date/Time: 02/02/2024 12:16:32
Tech: 3445
SOP: 424
Final Weight: 0.1017 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
Etiozazole	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

Diana Asensio, M.S.

Lab Director



ACT Laboratories Florida

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





Roots Apothecary
2300 highland
village road #9
highland village,
texas, 75077
7193731889
Order #: 85180
Retail Batch #:
011725

CERTIFICATE OF ANALYSIS
ISO/IEC: 17025:2017 Accreditation #:
103104
License #: CMTL-0004

HEAVY METAL ANALYSIS

ICP-MS

PASS

Sample Prep

Tech: 3396
SOP: 428
Batch Number: 62227
Batch Date: 02/01/2024 10:40:26

Sample Analysis

Date/Time: 02/01/2024 16:46:36
Tech: 3396
SOP: 428
Final Weight: 0.2543 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

Diana Asensio, M.S.

Lab Director



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





Roots Apothecary
2300 highland
village road #9
highland village,
texas, 75077
7193731889
Order #: 85180
Retail Batch #:
011725

CERTIFICATE OF ANALYSIS

ISO/IEC: 17025:2017 Accreditation #:
103104
License #: CMTL-0004

Diana Asensio, M.S.

Lab Director



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



