



Roots Apothecary
 2300 highland
 village road #9
 highland village,
 texas, 75077
 7193731889
 Order #: 86592
 Retail Batch #:
 042225

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

Order Information

Order #: 86592
 Order Name: 1260 sublingual 042225
 Retail Batch #: 042225
 Received: 05/06/2024 12:19:02
 Complete: 05/12/2024 18:55:56

Batch Information

Create Date: 04/22/2024
 Exp. Date: 04/22/2025
 Size: 62
 Total Qty.: 119
 Matrix: Tincture
 Pickup Weight: N/A

CANNABINOID PROFILE TESTED	LABEL CLAIM NOT APPLICABLE	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	MYCOTOXIN ANALYSIS PASS



0.0781 %
 Total THC

2.7706 %
 Total CBD

3.1123 %
 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 #: 86592
 Retail Batch #:
 042225

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

Sample Prep

Tech: 4090
 SOP: 418
 Batch Number: 62795
 Batch Date: 05/06/2024 12:56:58

Sample Analysis

Date/Time: 05/08/2024 13:35:42
 Tech: 1012
 SOP: 417
 Final Weight: 0.204 g
 Volume: 40 ml

CANNABINOID PROFILE

HPLC-DAD

0.0781 % Total THC	0.738 mg THC Per Unit	44.283 mg THC Per Pkg
2.7706 % Total CBD	26.182 mg CBD Per Unit	1570.930 mg CBD Per Pkg
3.1123 % Total Cannabinoids	29.411 mg Cannabinoids Per Unit	1764.674 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	0.2143	2.143	2.025	121.508	--	--
CBD	0.064/0.1954	1	2.7706	27.706	26.182	1570.930	--	--
CBDA	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBDV	0.064/0.1954	1	0.0214	0.214	0.202	12.134	--	--
CBG	0.064/0.1954	1	0.0279	0.279	0.264	15.819	--	--
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	0.0781	0.781	0.738	44.283	--	--
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	0.0781	0.781	0.738	44.283
Total CBD	2.7706	27.706	26.182	1570.930
Total Cannabinoids	3.1123	31.123	29.411	1764.674

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 #: 86592
 Retail Batch #:
 042225

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

MYCOTOXIN ANALYSIS

LC-MS/MS

PASS

Sample Prep

Tech: 3445
 SOP: 432
 Batch Number: 62796
 Batch Date: 05/06/2024 13:19:07

Sample Analysis

Date/Time: 05/10/2024 15:51:13
 Tech: 3445
 SOP: 424
 Final Weight: 0.103 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

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 #: 86592
 Retail Batch #:
 042225

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: 62796
 Batch Date: 05/06/2024 13:19:07

Sample Analysis

Date/Time: 05/10/2024 15:51:13
 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	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	0.005	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
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					

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 #: 86592
 Retail Batch #:
 042225

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

HEAVY METAL ANALYSIS
 ICP-MS **PASS**

Sample Prep

Tech: 2816
 SOP: 428
 Batch Number: 62799
 Batch Date: 05/06/2024 15:25:15

Sample Analysis

Date/Time: 05/08/2024 09:47:58
 Tech: 2816
 SOP: 428
 Final Weight: 0.2452 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 #: 86592
Retail Batch #:
042225

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



