



Roots Apothecary
 2300 highland
 village road #9
 highland village,
 texas, 75077
 7193731889
 Order #: 85178
 Retail Batch #:
 011725

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

Order Information

Order #: 85178
 Order Name: 1260 Sublingual 011725
 Retail Batch #: 011725
 Received: 01/31/2024 11:42:47
 Complete: 02/02/2024 12:32:58

Batch Information

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

Total Qty.: 135
 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



0.0752 %
 Total THC

2.3084 %
 Total CBD

2.5071 %
 Total Cannabinoids

Diana Asensio, M.S.

Lab Director



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





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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: 0.2054 g
 Volume: 40 ml

CANNABINOID PROFILE

HPLC-DAD

0.0752 % Total THC	0.711 mg THC Per Unit	42.638 mg THC Per Pkg
2.3084 % Total CBD	21.814 mg CBD Per Unit	1308.863 mg CBD Per Pkg
2.5071 % Total Cannabinoids	23.692 mg Cannabinoids Per Unit	1421.525 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	0.0682	0.682	0.644	38.669	--	--
CBD	0.064/0.1954	1	2.3084	23.084	21.814	1308.863	1260	3.9
CBDA	0.064/0.1954	1	<LOQ	<LOQ	<LOQ	<LOQ	--	--
CBDV	0.064/0.1954	1	<LOQ	<LOQ	<LOQ	<LOQ	--	--
CBG	0.064/0.1954	1	0.0553	0.553	0.523	31.355	--	--
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	0.0752	0.752	0.711	42.638	--	--
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	0.0752	0.752	0.711	42.638
Total CBD	2.3084	23.084	21.814	1308.863
Total Cannabinoids	2.5071	25.071	23.692	1421.525

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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: 0.104 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	Pactobutrazol	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
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

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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: 0.2343 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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COA

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