261 Mountain View Dr
Colchester, VT 05446
License #: TLAB0030
802-767-7256
info@onwardanalytics.biz

Certificate of Analysis

Client Name: Rhize Cannabis Company
License Number: SCLT0295 MANU0065

Sample ID: VT13739
Sample Name: Donkey Butter Flower
Sample Lot: HL-10
Sample Matrix: Flower
Date Received: 10/1/2024
Date Reported: 10/4/2024
Date Tested: 10/2/2024

Total Cannabinoids

	%	mg/g
Total THC:	**25.179**	**251.794**
Total CBD:	**--**	**--**
Total Cannabinoids:	**30.812**	**308.123**

Total theoretical CBD % = (CBD%) + (CBDA% * 0.877)
Total theoretical THC % = (delta-9-THC%) + (THCA% * 0.877)

Potency

Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC; SOP-024-OA) | Test ID: #42249

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0003	0.0040
CBCA	0.2003	2.003	0.1772	1.772	0.0002	0.0040
CBD	ND	ND	ND	ND	0.0008	0.0040
CBDA	ND	ND	ND	ND	0.0002	0.0040
CBDV	< LOQ	< LOQ	< LOQ	< LOQ	0.0008	0.0040
CBDVA	ND	ND	ND	ND	0.0001	0.0040
CBG	ND	ND	ND	ND	0.0009	0.0040
CBGA	1.9012	19.012	1.6824	16.824	0.0001	0.0040
CBN	ND	ND	ND	ND	0.0004	0.0040
CBNA	ND	ND	ND	ND	0.0002	0.0040
D8 THC	< LOQ	< LOQ	< LOQ	< LOQ	0.0012	0.0040
D9 THC	< LOQ	< LOQ	< LOQ	< LOQ	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	28.7108	287.108	25.4062	254.062	0.0002	0.0040
THCV	ND	ND	ND	ND	0.0016	0.0049
THCVA	< LOQ	< LOQ	< LOQ	< LOQ	0.0002	0.0040

Moisture & Water Activity — PASS

Water Activity and Moisture Content Analysis (SOP-202-OA) | Test ID: #42250

Analyte	Result (%)	Limit	Pass/Fail
Moisture	11.51	13.00	
Water Activity	0.52	0.65	PASS

Callie Chapman
Lab Director
10/4/2024

Rev. 1	Initial Release

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Certificate of Analysis

Client Name: Rhize Cannabis Company
License Number: SCLT0295 MANU0065

Sample ID: VT13739
Sample Name: Donkey Butter Flower
Sample Lot: HL-10
Sample Matrix: Flower
Date Received: 10/1/2024
Date Reported: 10/8/2024
Date Tested: 10/2/2024

Total Terpenes (%) : 2.4535

Dominant Terpenes (%)	
Limonene	**0.7334**
Myrcene	**0.6278**
beta-caryophyllene	**0.5385**
alpha-Humulene	**0.1969**
beta-Pinene	**0.0987**

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #42251

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.001
alpha-Bisabolol	0.0635	0.635	0.000003	0.001
alpha-Humulene	0.1969	1.969	0.000002	0.001
alpha-Pinene	0.0587	0.587	0.000001	0.001
alpha-Terpinene	ND	ND	0.000001	0.001
alpha-Terpinolene	0.0072	0.072	0.000004	0.001
beta-caryophyllene	0.5385	5.385	0.000004	0.001
beta-Pinene	0.0987	0.987	0.000002	0.001
Camphene	0.0144	0.144	0.000001	0.001
Caryophyllene Oxide	0.0125	0.125	0.000011	0.001
Eucalyptol	ND	ND	0.000002	0.001
gamma-Terpinene	ND	ND	0.000002	0.001
Geraniol	< LOQ	< LOQ	0.000008	0.003
Guaiol	ND	ND	0.000007	0.001
Isopulegol	ND	ND	0.000005	0.001
Isopropyl Toluene	ND	ND	0.000003	0.001
Limonene	0.7334	7.334	0.000002	0.001
Linalool	0.0827	0.827	0.000003	0.001
Nerolidol	0.0192	0.192	0.000007	0.001
Myrcene	0.6278	6.278	0.000003	0.001
Ocimene	ND	ND	0.000002	0.001
Total Terpenes	**2.4535**	**24.535**		

Callie Chapman
Lab Director
10/8/2024

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Certificate of Analysis

Client Name: Rhize Cannabis Company
License Number: SCLT0295 MANU0065

Sample ID: VT13739
Sample Name: Donkey Butter Flower
Sample Lot: HL-10
Sample Matrix: Flower
Date Received: 10/1/2024
Date Reported: 10/8/2024
Date Tested: 10/2/2024

Pathogens — PASS

Microbiological screening utilizing qPCR (SOP-204-OA) | Test ID: #42252

Analyte	Result	Pass/Fail
A. Fumigatus	None Detected	PASS
A. Niger	None Detected	PASS
A. Flavus	None Detected	PASS
A. Terreus	None Detected	PASS
STEC	None Detected	PASS
Salmonella	None Detected	PASS

Callie Chapman
Lab Director
10/8/2024

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Certificate of Analysis

Client Name: Rhize Cannabis Company
License Number: SCLT0295 MANU0065

Sample ID: VT13756
Sample Name: HL: DF, DB, DDU, GP
Sample Lot: HL-10
Sample Matrix: Flower
Date Received: 10/1/2024
Date Reported: 10/8/2024
Date Tested: 10/2/2024

Pesticides — Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-OA) **- Limit units: ppm** | Test ID: #42313

Analyte	Pass/Fail	Result (ppm)	Limit	LOD (ppm)	LOQ (ppm)
Abamectin B1a	Pass	ND	0.10000	0.00137	0.00416
Abamectin B1b	Pass	ND	0.10000	0.00016	0.00048
Acephate	Pass	ND	0.10000	0.00233	0.00707
Acequinocyl	Pass	ND	0.10000	0.02958	0.08963
Azoxystrobin	Pass	ND	0.10000	0.00152	0.00459
Bifenazate	Pass	ND	0.10000	0.00101	0.00306
Bifenthrin	Pass	ND	3.00000	0.00385	0.01167
Carbaryl	Pass	ND	0.50000	0.00156	0.00473
Chlorpyrifos	Pass	ND	0.04000	0.00228	0.00689
Cypermethrin	Pass	ND	1.00000	0.00898	0.02720
Etoxazole	Pass	ND	0.10000	0.00176	0.00535
Imazalil	Pass	ND	0.04000	0.00147	0.00446
Imidacloprid	Pass	ND	5.00000	0.00029	0.01774
Myclobutanil	Pass	ND	0.10000	0.00166	0.00504
Spinosyn A	Pass	ND	0.10000	0.00104	0.00315
Spinosyn D	Pass	ND	0.10000	0.00061	0.00185
Pyrethrins	Pass	ND	0.50000	0.00022 0.00498 *	0.00072 0.00015 *

* Pyrethrins action limit represents sum of isomers I & II

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