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

Certificate of Analysis

Client Name: Clean Cannabis Company
License Number: CLTV0090 MANU0045

Sample ID: VT12732
Sample Name: Runtz
Sample Lot: CLTV0090-019-06
Sample Matrix: Flower
Date Received: 8/28/2024
Date Reported: 9/4/2024
Date Tested: 8/29/2024

Total Cannabinoids

	%	mg/g
Total THC:	**23.177**	**231.769**
Total CBD:	**--**	**--**
Total Cannabinoids:	**27.727**	**277.275**

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: #38878

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0003	0.0040
CBCA	0.3163	3.163	0.2769	2.769	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	< LOQ	< LOQ	< LOQ	< LOQ	0.0009	0.0040
CBGA	0.9837	9.837	0.8611	8.611	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	26.4275	264.275	23.1347	231.347	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: #38898

Analyte	Result (%)	Limit	Pass/Fail
Moisture	12.46	13.00	
Water Activity	0.58	0.65	PASS

Callie Chapman
Lab Director
9/4/2024

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Sample Lot: CLTV0090-019-06
Sample Matrix: Flower
Date Received: 8/28/2024
Date Reported: 9/4/2024
Date Tested: 8/29/2024

Total Terpenes (%) : 1.2883

Dominant Terpenes (%)	
beta-caryophyllene	**0.4116**
Limonene	**0.2517**
Myrcene	**0.2164**
alpha-Humulene	**0.1575**
Linalool	**0.0869**

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-OA) | Test ID: #38867

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
3-Carene	ND	ND	0.000002	0.001
alpha-Bisabolol	0.0404	0.404	0.000003	0.001
alpha-Humulene	0.1575	1.575	0.000002	0.001
alpha-Pinene	0.0234	0.234	0.000001	0.001
alpha-Terpinene	ND	ND	0.000001	0.001
alpha-Terpinolene	ND	ND	0.000004	0.001
beta-caryophyllene	0.4116	4.116	0.000004	0.001
beta-Pinene	0.0413	0.413	0.000002	0.001
Camphene	0.0068	0.068	0.000001	0.001
Caryophyllene Oxide	0.0077	0.077	0.000011	0.001
Eucalyptol	ND	ND	0.000002	0.001
gamma-Terpinene	ND	ND	0.000002	0.001
Geraniol	ND	ND	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	0.2517	2.517	0.000002	0.001
Linalool	0.0869	0.869	0.000003	0.001
Nerolidol	0.0393	0.393	0.000007	0.001
Myrcene	0.2164	2.164	0.000003	0.001
Ocimene	0.0053	0.053	0.000002	0.001
Total Terpenes	**1.2883**	**12.883**		

Callie Chapman
Lab Director
9/4/2024

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License Number: CLTV0090 MANU0045

Sample ID: VT12732
Sample Name: Runtz
Sample Lot: CLTV0090-019-06
Sample Matrix: Flower
Date Received: 8/28/2024
Date Reported: 9/4/2024
Date Tested: 8/28/2024

Pathogens — PASS

Microbiological screening utilizing qPCR (SOP-204-OA) | Test ID: #38868

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

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Certificate of Analysis

Client Name: Clean Cannabis Company
License Number: CLTV0090 MANU0045

Sample ID: VT12736
Sample Name: HC, R, Sm, SB
Sample Lot: CLTV0090-019-05-8
Sample Matrix: Flower
Date Received: 8/28/2024
Date Reported: 9/4/2024
Date Tested: 8/28/2024

Pesticides — Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-OA) **- Limit units: ppm** | Test ID: #38882

Analyte	Pass/Fail	Result (ppm)	Limit	LOD (ppm)	LOQ (ppm)
Abamectin B1a	Pass	ND	0.10000	0.00944	0.03114
Abamectin B1b	Pass	ND	0.10000	0.00034	0.00113
Acephate	Pass	ND	0.10000	0.00404	0.01333
Acequinocyl	Pass	ND	0.10000	0.02821	0.09310
Azoxystrobin	Pass	ND	0.10000	0.00298	0.00983
Bifenazate	Pass	ND	0.10000	0.00129	0.00427
Bifenthrin	Pass	ND	3.00000	0.01005	0.03317
Carbaryl	Pass	ND	0.50000	0.00402	0.01325
Chlorpyrifos	Pass	ND	0.04000	0.00403	0.01329
Cypermethrin	Pass	ND	1.00000	0.01010	0.03333
Etoxazole	Pass	ND	0.10000	0.00404	0.01333
Imazalil	Pass	ND	0.04000	0.01073	0.03539
Imidacloprid	Pass	ND	5.00000	0.00401	0.01323
Myclobutanil	Pass	ND	0.10000	0.00308	0.01016
Spinosyn A	Pass	ND	0.10000	0.00312	0.01029
Spinosyn D	Pass	ND	0.10000	0.00083	0.00273
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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