



261 Mountain View Dr
 Colchester, VT 05446
 License #: TLAB0030
 802-767-7256
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Certificate of Analysis

Client Name: Split Acres Sungrown
License Number: SCLT-0084

Sample ID: VT82
Sample Name: Cheetah Runtz
Sample Lot: 84-001-001
Sample Matrix: Flower
Date Received: 11/7/2022
Date Reported: 3/23/2023



Potency

Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC; SOP-024-VT) | Test ID: #141

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBDV	ND	ND	ND	ND	0.0008	0.0040
CBDVA	ND	ND	ND	ND	0.0001	0.0040
THCV	ND	ND	ND	ND	0.0016	0.0049
CBDA	ND	ND	ND	ND	0.0002	0.0040
CBD	ND	ND	ND	ND	0.0008	0.0040
CBG	< LOQ	< LOQ	< LOQ	< LOQ	0.0009	0.0040
CBGA	0.6417	6.417	0.6954	6.954	0.0001	0.0040
THCVA	< LOQ	< LOQ	< LOQ	< LOQ	0.0002	0.0040
CBN	ND	ND	ND	ND	0.0004	0.0040
CBCVA	ND	ND	ND	ND	0.0004	0.0040
D9 THC	0.1749	1.749	0.1895	1.895	0.0016	0.0049
D8 THC	ND	ND	ND	ND	0.0012	0.0040
CBNA	ND	ND	ND	ND	0.0002	0.0040
D10 THC	ND	ND	ND	ND	0.0004	0.0040
CBC	ND	ND	ND	ND	0.0003	0.0040
THCA	19.0383	190.383	20.6333	206.333	0.0002	0.0040
CBCA	0.342	3.42	0.3707	3.707	0.0002	0.0040

Total Cannabinoids		
	%	mg/g
Total THC:	18.285	182.849
Total Cannabinoids:	21.889	218.889

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

Moisture & Water Activity PASS

Water Activity and Moisture Content Analysis (SOP-202-VT) | Test ID: #143

Analyte	Result (%)	Limit	Pass/Fail
Moisture	7.73	13.00	PASS
Water Activity	0.59	0.65	PASS



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Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-VT) | Test ID: #148

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
α-Pinene	0.0448	0.448	0.004	0.013
Camphene	< LOQ	< LOQ	0.003	0.009
β-Pinene	0.0663	0.663	0.004	0.013
Myrcene	0.113	1.13	0.004	0.014
3-Carene	ND	ND	0.003	0.009
α-Terpinene	ND	ND	0.004	0.025
Isopropyl Toluene	ND	ND	0.005	0.016
Limonene	0.418	4.18	0.004	0.012
Cineole	ND	ND	0.003	0.009
Ocimene	< LOQ	< LOQ	0.004	0.012
gamma-Terpinene	ND	ND	0.005	0.015
α-Terpinolene	ND	ND	0.005	0.014
Linalool	0.0804	0.804	0.005	0.014
Isopulegol	ND	ND	0.004	0.012
Geraniol	ND	ND	0.011	0.034
trans-Caryophyllene	0.9332	9.332	0.004	0.013
α-Humulene	0.2122	2.122	0.003	0.009
Nerolidol	< LOQ	< LOQ	0.011	0.034
Caryophyllene Oxide	< LOQ	< LOQ	0.006	0.017
Guaiol	ND	ND	0.003	0.009
α-Bisabolol	0.2785	2.785	0.005	0.014
Total Terpenes	2.1464	21.464		

Pesticides Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-VT) - **Limit units: ppm** | Test ID: #147

Analyte	Pass/Fail	Result (ppm)	Limit (ppm)	LOD (ppm)	LOQ (ppm)
Abamectin B1a	Pass	ND	0.10000	0.00072	0.00240
Abamectin B1b	Pass	ND	0.10000	0.00003	0.00010
Acephate	Pass	ND	0.10000	0.00060	0.00200
Acequinocyl	Pass	ND	0.10000	0.00303	0.01010
Azoxystrobin	Pass	ND	0.10000	0.00030	0.00100
Bifenazate	Pass	ND	0.10000	0.00030	0.00100
Bifenthrin	Pass	ND	3.00000	0.00030	0.00100
Carbaryl	Pass	ND	0.50000	0.00030	0.00100
Chlorpyrifos	Pass	ND	0.04000	0.00030	0.00100
Cypermethrin	Pass	ND	1.00000	0.00150	0.00500
Etoxazole	Pass	ND	0.10000	0.00030	0.00100
Imazalil	Pass	ND	0.04000	0.00030	0.00100
Imidacloprid	Pass	ND	5.00000	0.00060	0.00200
Myclobutanil	Pass	ND	0.10000	0.00030	0.00100
Spinosyn A	Pass	ND	0.10000	0.00022	0.00072
Spinosyn D	Pass	ND	0.10000	0.00060	0.00200
Pyrethrins	Pass	ND	0.50000	0.00022 0.00498 *	0.00072 0.00015 *

* Pyrethrins action limit represents sum of isomers I & II

Heavy Metals Pass

Heavy metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS; SOP-072-VT) - **Limit units: µg/kg** | Test ID: #145

Analyte	Pass/Fail	Result (ug/kg)	Limit	LOD (ug/kg)	LOQ (ug/kg)
Arsenic	PASS	ND	0.200	0.00130	0.050
Cadmium	PASS	ND	0.200	0.00002	0.050
Lead	PASS	ND	0.500	0.00095	0.050
Mercury	PASS	ND	0.100	0.00020	0.050



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Pathogens PASS

Microbiological screening utilizing qPCR (SOP-204-VT) | Test ID: #240

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
 3/23/2023



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