

Sample Name: T19HC06UFC01
 LIMS Sample ID: 190806R005
 Batch #:
 Sample Metric ID:
 Sample Type: CBD Oil, Product Inhalable
 Batch Count:
 Sample Count:
 Unit Mass:
 Serving Mass:
 Density:

Date Collected: 08/06/2019
 Date Received: 08/06/2019
 Tested for: Terrapeutics, Inc.
 License #:
 Address:
 Produced by:
 License #:
 Address:

Overall result for batch: Pass

Moisture Test Results

Moisture **Results (%)**
 NT

Cannabinoid Test Results

08/08/2019

Cannabinoid analysis utilizing High Performance Liquid Chromatography (HPLC, QSP 5-4-4-4)

	mg/g	%	LOD / LOQ mg/g
Δ9THC	1.510	0.1510	0.052 / 0.158
THCa	ND	ND	0.052 / 0.156
CBD	906.821	90.6821	0.052 / 0.158
CBDa	ND	ND	0.052 / 0.156
CBN	ND	ND	0.052 / 0.157
CBDV	16.687	1.6687	0.021 / 0.063
CBDVa	ND	ND	0.037 / 0.111
CBG	0.723	0.0723	0.030 / 0.092
CBGa	ND	ND	0.044 / 0.133
THCV	ND	ND	0.023 / 0.069
Δ8THC	ND	ND	0.053 / 0.162
CBC	1.805	0.1805	0.031 / 0.094
THCVa	ND	ND	0.091 / 0.276
CBL	ND	ND	0.130 / 0.393
CBCa	ND	ND	0.129 / 0.392
Sum of Cannabinoids:	927.546	92.7546	
Total THC (Δ9THC+0.877*THCa)	1.510	0.151	
Total CBD (CBD+0.877*CBDa)	906.821	90.6821	

Action Limit mg

Δ9THC per Unit
 Δ9THC per Serving

Batch Photo



Water Activity Test Results

Water Activity **Results (Aw)** **Action Limit Aw**
 NT

Terpene Test Results

08/09/2019

Terpene analysis utilizing Gas Chromatography - Flame Ionization Detection (GC - FID)

	mg/g	%	LOD / LOQ mg/g
☑ Pinene	ND	ND	0.044 / 0.135
Camphene	ND	ND	0.053 / 0.16
Sabinene	ND	ND	0.054 / 0.165
☑ Pinene	ND	ND	0.054 / 0.162
Myrcene	ND	ND	0.054 / 0.164
☑ Phellandrene	ND	ND	0.073 / 0.222
3 Carene	ND	ND	0.057 / 0.174
☑ Terpinene	ND	ND	0.06 / 0.18
Limonene	<LOQ	<LOQ	0.026 / 0.078
Eucalyptol	<LOQ	<LOQ	0.042 / 0.126
Ocimene	ND	ND	0.056 / 0.171
☑ Terpinene	ND	ND	0.06 / 0.181
Sabinene Hydrate	ND	ND	0.036 / 0.108
Fenchone	ND	ND	0.061 / 0.184
Terpinolene	ND	ND	0.045 / 0.135
Linalool	ND	ND	0.038 / 0.116
Fenchol	ND	ND	0.045 / 0.138
(-)-Isopulegol	ND	ND	0.026 / 0.08
Camphor	ND	ND	0.108 / 0.327
Isoborneol	ND	ND	0.066 / 0.201
Borneol	ND	ND	0.097 / 0.293
Menthol	ND	ND	0.044 / 0.135
Terpineol	0.184	0.0184	0.045 / 0.136
Nerol	ND	ND	0.045 / 0.137
R-(+)-Pulegone	ND	ND	0.045 / 0.135
Geraniol	ND	ND	0.033 / 0.1
Geranyl Acetate	ND	ND	0.031 / 0.095
☑ Cedrene	ND	ND	0.034 / 0.102
☑ Caryophyllene	1.271	0.1271	0.036 / 0.108
☑ Humulene	0.598	0.0598	0.025 / 0.076
Valencene	0.207	0.0207	0.015 / 0.046
Nerolidol	ND	ND	0.07 / 0.212
Caryophyllene Oxide	ND	ND	0.055 / 0.167
Guaiol	0.420	0.0420	0.044 / 0.132
Cedrol	<LOQ	<LOQ	0.057 / 0.173
☑ Bisabolol	2.211	0.2211	0.034 / 0.102

Total Terpene Concentration: 4.891 0.4891

Sample Certification

California Code of Regulations Title 16 Effect Date January 16, 2019
 Authority: Section 26013, Business and Professions Code.
 Reference: Sections 26100, 26104 and 26110, Business and Professions Code.



Scan to verify at sclabs.com
 Sample must be marked as
 public to be viewable

Josh Wurzer

Josh Wurzer, President

Date: 08/09/2019

CoA ID: 190806R005-001 - Page 1 of 3

Sample Name: T19HC06UFC01
 LIMS Sample ID: 190806R005
 Batch #:
 Sample Metric ID:
 Sample Type: CBD Oil, Product Inhalable
 Batch Count:
 Sample Count:
 Unit Mass:
 Serving Mass:
 Density:

Date Collected: 08/06/2019
 Date Received: 08/06/2019
 Tested for: Terrapeutics, Inc.
 License #:
 Address:
 Produced by:
 License #:
 Address:

Overall result for batch: Pass

Pesticide Test Results - Pass

08/08/2019

Pesticide, Fungicide and plant growth regulator analysis utilizing HPLC-Mass Spectrometry and GC-Mass Spectrometry

		Results (µg/g)	Action Limit µg/g	LOD / LOQ µg/g
Abamectin	Pass	ND	0.1	0.030 / 0.091
Acephate	Pass	ND	0.1	0.013 / 0.039
Acequinocyl	Pass	ND	0.1	0.010 / 0.031
Acetamiprid	Pass	ND	0.1	0.013 / 0.038
Azoxystrobin	Pass	ND	0.1	0.015 / 0.047
Bifenazate	Pass	ND	0.1	0.012 / 0.035
Bifenthrin	Pass	ND	3.0	0.013 / 0.038
Boscalid	Pass	ND	0.1	0.008 / 0.023
Captan	Pass	ND	0.7	0.099 / 0.300
Carbaryl	Pass	ND	0.5	0.014 / 0.043
Chlorantraniliprole	Pass	ND	10.0	0.020 / 0.061
Clofentezine	Pass	ND	0.1	0.009 / 0.027
Cyfluthrin	Pass	ND	2.0	0.099 / 0.299
Cypermethrin	Pass	ND	1.0	0.030 / 0.091
Diazinon	Pass	ND	0.1	0.009 / 0.027
Dimethomorph	Pass	ND	2.0	0.018 / 0.055
Etoxazole	Pass	ND	0.1	0.007 / 0.022
Fenhexamid	Pass	ND	0.1	0.015 / 0.045
Fenpyroximate	Pass	ND	0.1	0.012 / 0.036
Fonicamid	Pass	ND	0.1	0.022 / 0.066
Fludioxonil	Pass	ND	0.1	0.020 / 0.061
Hexythiazox	Pass	ND	0.1	0.009 / 0.027
Imidacloprid	Pass	ND	5.0	0.017 / 0.050
Kresoxim-methyl	Pass	ND	0.1	0.010 / 0.029
Malathion	Pass	ND	0.5	0.006 / 0.019
Metalaxyl	Pass	ND	2.0	0.011 / 0.033
Methomyl	Pass	ND	1.0	0.022 / 0.067
Myclobutanil	Pass	ND	0.1	0.015 / 0.044
Naled	Pass	ND	0.1	0.010 / 0.031
Oxamyl	Pass	ND	0.5	0.014 / 0.042
Pentachloronitrobenzene	Pass	ND	0.1	0.020 / 0.061
Permethrin	Pass	ND	0.5	0.027 / 0.082
Phosmet	Pass	ND	0.1	0.010 / 0.030
Piperonylbutoxide	Pass	ND	3.0	0.007 / 0.020
Prallethrin	Pass	ND	0.1	0.011 / 0.032
Propiconazole	Pass	ND	0.1	0.004 / 0.013
Pyrethrins	Pass	ND	0.5	0.012 / 0.036
Pyridaben	Pass	ND	0.1	0.007 / 0.020
Spinetoram	Pass	ND	0.1	0.006 / 0.017
Spinosad	Pass	ND	0.1	0.010 / 0.031
Spiromesifen	Pass	ND	0.1	0.005 / 0.015
Spirotetramat	Pass	ND	0.1	0.014 / 0.042
Tebuconazole	Pass	ND	0.1	0.006 / 0.018
Thiamethoxam	Pass	ND	5.0	0.011 / 0.033
Trifloxystrobin	Pass	ND	0.1	0.007 / 0.020

Mycotoxin Test Results - Pass

08/08/2019

Mycotoxin analysis utilizing HPLC-Mass Spectrometry

		Results (µg/kg)	Action Limit µg/kg	LOD / LOQ µg/kg
Aflatoxin B1, B2, G1, G2	Pass	ND	20.0	6.000 / 18.000
Ochratoxin A	Pass	ND	20.0	6.000 / 18.000

Pesticide Test Results - Pass

08/08/2019

Pesticide, Fungicide and plant growth regulator analysis utilizing HPLC-Mass Spectrometry and GC-Mass Spectrometry

		Results (µg/g)	Action Limit µg/g	LOD / LOQ µg/g
Aldicarb	Pass	ND	ND	0.030 / 0.091
Carbofuran	Pass	ND	ND	0.029 / 0.089
Chlordane	Pass	ND	ND	0.032 / 0.097
Chlorfenapyr	Pass	ND	ND	0.030 / 0.090
Chlorpyrifos	Pass	ND	ND	0.029 / 0.089
Coumaphos	Pass	ND	ND	0.029 / 0.089
Daminozide	Pass	ND	ND	0.030 / 0.091
DDVP (Dichlorvos)	Pass	ND	ND	0.029 / 0.089
Dimethoate	Pass	ND	ND	0.029 / 0.089
Ethoprop(hos)	Pass	ND	ND	0.029 / 0.089
Etofenprox	Pass	ND	ND	0.029 / 0.089
Fenoxycarb	Pass	ND	ND	0.029 / 0.089
Fipronil	Pass	ND	ND	0.029 / 0.089
Imazalil	Pass	ND	ND	0.029 / 0.089
Methiocarb	Pass	ND	ND	0.029 / 0.089
Methyl parathion	Pass	ND	ND	0.029 / 0.089
Mevinphos	Pass	ND	ND	0.029 / 0.089
Paclobutrazol	Pass	ND	ND	0.029 / 0.089
Propoxur	Pass	ND	ND	0.029 / 0.089
Spiroxamine	Pass	ND	ND	0.029 / 0.089
Thiacloprid	Pass	ND	ND	0.029 / 0.089

Heavy Metal Test Results - Pass

08/07/2019

Heavy metal analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS)

		Results (µg/g)	Action Limit µg/g	LOD / LOQ µg/g
Cadmium	Pass	ND	0.2	0.012 / 0.035
Lead	Pass	ND	0.5	0.031 / 0.095
Arsenic	Pass	ND	0.2	0.013 / 0.039
Mercury	Pass	ND	0.1	0.002 / 0.005

Sample Certification

California Code of Regulations Title 16 Effect Date January 16, 2019
 Authority: Section 26013, Business and Professions Code.
 Reference: Sections 26100, 26104 and 26110, Business and Professions Code.



Scan to verify at sclabs.com
 Sample must be marked as public to be viewable

Josh Wurzer
 Josh Wurzer, President
 Date: 08/09/2019
 CoA ID: 190806R005-001 - Page 2 of 3

Sample Name: T19HC06UFC01
 LIMS Sample ID: 190806R005
 Batch #:
 Sample Metric ID:
 Sample Type: CBD Oil, Product Inhalable
 Batch Count:
 Sample Count:
 Unit Mass:
 Serving Mass:
 Density:

Date Collected: 08/06/2019
 Date Received: 08/06/2019
 Tested for: Terrapeutics, Inc.
 License #:
 Address:
 Produced by:
 License #:
 Address:

Overall result for batch: Pass

Residual Solvent Test Results - Pass

08/08/2019

Note

Residual Solvent analysis utilizing Gas Chromatography - Mass Spectrometry (GC - MS)

		Results (µg/g)	Action Limit µg/g	LOD / LOQ µg/g
1,2-Dichloroethane	Pass	ND	1.0	0.111 / 0.336
Benzene	Pass	ND	1.0	0.043 / 0.132
Chloroform	Pass	ND	1.0	0.064 / 0.195
Ethylene Oxide	Pass	ND	1.0	0.136 / 0.413
Methylene chloride	Pass	ND	1.0	0.172 / 0.521
Trichloroethylene	Pass	ND	1.0	0.040 / 0.120
Acetone	Pass	<LOQ	5000.0	14.703 / 44.549
Acetonitrile	Pass	ND	410.0	2.727 / 8.262
Butane	Pass	ND	5000.0	5.672 / 17.185
Ethanol	Pass	ND	5000.0	11.775 / 35.679
Ethyl acetate	Pass	ND	5000.0	16.227 / 49.169
Ethyl ether	Pass	ND	5000.0	11.608 / 35.172
Heptane	Pass	ND	5000.0	12.982 / 39.336
Hexane	Pass	ND	290.0	1.816 / 5.502
Isopropyl Alcohol	Pass	ND	5000.0	15.358 / 46.536
Methanol	Pass	ND	3000.0	15.584 / 47.220
Pentane	Pass	ND	5000.0	12.355 / 37.434
Propane	Pass	ND	5000.0	1.359 / 4.117
Toluene	Pass	ND	890.0	7.174 / 21.736
Total Xylenes	Pass	ND	2170.0	34.438 / 104.347

Microbiological Test Results - Pass

08/08/2019

PCR and fluorescence detection of microbiological impurities

		Results	Action Limit
Shiga toxin-producing Escherichia coli	Pass	ND	ND
Salmonella spp.	Pass	ND	ND
Aspergillus fumigatus	Pass	ND	ND
Aspergillus flavus	Pass	ND	ND
Aspergillus niger	Pass	ND	ND
Aspergillus terreus	Pass	ND	ND

Foreign Material Test Results

NT

Sample Certification

California Code of Regulations Title 16 Effect Date January 16, 2019
 Authority: Section 26013, Business and Professions Code.
 Reference: Sections 26100, 26104 and 26110, Business and Professions Code.



Scan to verify at sclabs.com
 Sample must be marked as public to be viewable



Josh Wurzer, President
 Date: 08/09/2019

CoA ID: 190806R005-001 - Page 3 of 3