



CERTIFICATE OF ANALYSIS

Crown City Green

890 McLean Road
Cortland, NY 13045

(607) 882-0665
Lic. #: 000495

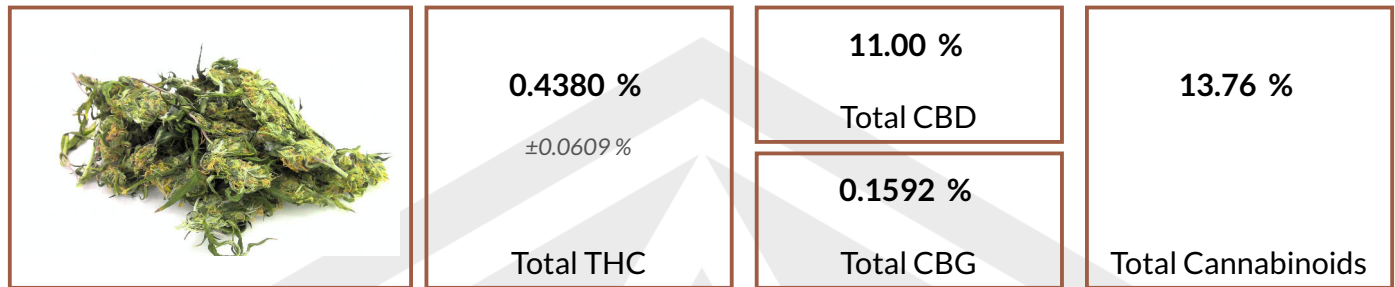
Sample: 211019TRI003.01

Sample Description: CBD-001

Sample Received: 10/19/2021; Report Created: 10/21/2021;

Mountain Mango

Plant, Hemp



Cannabinoids

Date Analyzed: 10/20/2021

Complete

Analyte	LOD %	LOQ %	Dry Weight %	Dry Weight mg/g
THCa	0.006542	0.02181	0.4605	4.605
Δ9-THC	0.006542	0.02181	0.03417	0.3417
Δ8-THC	0.006542	0.02181	ND	ND
THCVa	0.006542	0.02181	<LOQ	<LOQ
THCV	0.006542	0.02181	ND	ND
CBDa	0.006542	0.02181	12.20	122.0
CBD	0.006542	0.02181	0.3046	3.046
CBDVa	0.006542	0.02181	0.02436	0.2436
CBDV	0.006542	0.02181	ND	ND
CBN	0.006542	0.02181	ND	ND
CBGa	0.006542	0.02181	0.1512	1.512
CBG	0.006542	0.02181	0.02645	0.2645
CBCa	0.01270	0.04234	0.4846	4.846
CBC	0.006542	0.02181	0.07988	0.7988
CBL	0.006542	0.02181	<LOQ	<LOQ
Total			13.76	137.6

SOP.102, AOAC 2018.11 (Modified); UHPLC-PDA. Total THC = THCa * 0.877 + Δ9-THC; Total CBD = CBDa * 0.877 + CBD; Total CBG = CBGa * 0.878 + CBG. Pass/Fail THC criteria, if listed, is based upon USDA hemp testing guidelines for pre-harvest hemp clearance (total THC - uncertainty ≤ 0.3% THC). Dry weight percent of cannabinoids, if listed, is calculated using the dried weight determined by the moisture content prior to extraction, indicated below. Moisture: 7.88%

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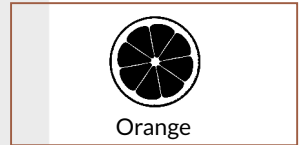
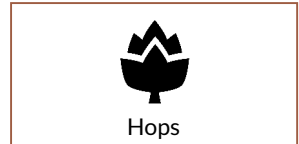


Terpenes

Date Analyzed: 10/20/2021

Analytes	LOD	LOQ	Result	Result
	%	%	%	mg/g
β-Myrcene	0.000335	0.00112	0.303	3.03
Caryophyllene	0.000335	0.00112	0.205	2.05
α-Pinene	0.000335	0.00112	0.184	1.84
α-Humulene	0.000335	0.00112	0.0607	0.607
β-Pinene	0.000335	0.00112	0.0451	0.451
δ-Limonene	0.000335	0.00112	0.0399	0.399
α-Bisabolol	0.000335	0.00112	0.0250	0.250
Fenchyl Alcohol	0.000335	0.00112	0.00913	0.0913
Nerolidol	0.000335	0.00112	0.00728	0.0728
Terpineol	0.000315	0.000946	0.00526	0.0526
Caryophyllene Oxide	0.000335	0.00112	0.00467	0.0467
Camphene	0.000335	0.00112	0.00456	0.0456
Terpinolene	0.000335	0.00112	0.00446	0.0446
Borneol	0.000670	0.00223	0.00381	0.0381
Eucalyptol	0.000335	0.00112	0.00304	0.0304
Linalool	0.000335	0.00112	0.00223	0.0223
α-Phellandrene	0.000335	0.00112	0.00135	0.0135
Sabinene Hydrate	0.000335	0.00112	0.00127	0.0127
γ-Terpinene	0.000335	0.00112	0.00127	0.0127
α-Terpinene	0.000335	0.00112	0.00124	0.0124
3-Carene	0.000335	0.00112	ND	ND
α-Cedrene	0.000335	0.00112	ND	ND
Camphor	0.00100	0.00335	ND	ND
Cedrol	0.000335	0.00112	ND	ND
Fenchone	0.000670	0.00223	<LOQ	<LOQ
Geraniol	0.000335	0.00112	ND	ND
Geranyl Acetate	0.000335	0.00112	ND	ND
Guaïol	0.000335	0.00112	ND	ND
Isoborneol	0.000335	0.00112	ND	ND
Isopulegol	0.000335	0.00112	ND	ND
Menthol	0.000335	0.00112	ND	ND
Nerol	0.000335	0.00112	ND	ND
Ocimene	0.000335	0.00112	ND	ND
Pulegone	0.000335	0.00112	ND	ND
Sabinene	0.000335	0.00112	ND	ND
Valencene	0.000335	0.00112	ND	ND

Primary Aromas



0.91%
Total Terpenes

SOP:202; HS-GC-MS.

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Mountain Mango

Plant, Hemp



Heavy Metals

Date Analyzed: 10/21/2021

Pass

Analytes	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g	
Antimony	0.00805	0.0241		ND	Tested
Arsenic	0.00651	0.0482	0.200	<LOQ	Pass
Cadmium	0.000512	0.0241	0.200	<LOQ	Pass
Chromium	0.0259	0.0722	0.600	<LOQ	Pass
Copper	0.103	0.489		3.77	Tested
Iron	0.516	2.41		302	Tested
Lead	0.00609	0.0241	0.500	0.0563	Pass
Manganese	0.0155	0.489		155	Tested
Mercury	0.00276	0.00722	0.100	0.0126	Pass
Nickel	0.0266	0.0722		0.0942	Tested
Selenium	0.0126	0.0963		ND	Tested
Zinc	0.0679	0.489		62.4	Tested

SOP 502; ICPMS.

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Mountain Mango

Plant, Hemp



Foreign Matter

Date Analyzed: 10/20/2021

Pass
Foreign Matter

Date Analyzed: 10/20/2021
SOP:706; Microscopy.

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6.0%

Moisture

Date Analyzed: 10/20/2021
SOP.702; Gravimetry.

0.20 aw

Water Activity

Date Analyzed: 10/20/2021
SOP.704, ASTM D8196; Humidity Equilibrium.

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