



Certificate of Analysis

Powered by Confident Cannabis
1 of 5

Young Farms

Hendersonville, TN 37075

Sample: 2010NBL3117.7043

Strain: Matterhorn CBG

Sample Received: 10/15/2020; Report Created: 10/20/2020; Expires: 10/20/2021

Matterhorn CBG

Plant, Flower - Cured



0.178%

Total THC

ND

$\Delta 9$ THC

16.293%

Total Cannabinoids

0.670%

Total CBD

Cannabinoids

Complete

(Method of Analysis: HPLC, CON-P-3000.05)

Analyst: Natalie Siracusa; Date Tested: 10/15/2020

Analyte	LOQ	Mass	Mass
	%	%	mg/g
$\Delta 9$ -THC	0.101	ND	ND
THCa	0.101	0.203	2.03
THCV	0.101	ND	ND
$\Delta 8$ -THC	0.101	ND	ND
CBD	0.101	ND	ND
CBDa	0.101	0.764	7.64
CBDV	0.101	ND	ND
CBG	0.101	0.289	2.89
CBGa	0.101	14.677	146.77
CBN	0.101	ND	ND
CBC	0.101	ND	ND
CBCa	0.101	0.360	3.60
CBNa	0.101	ND	ND
Total		16.293	162.93

Total THC = THCa * 0.877 + $\Delta 9$ -THC; Total CBD = CBDa * 0.877 + CBD; LOQ = Limit of Quantitation; ND = Not Detected.

Enterobacteriaceae assay includes Bile-Tolerant Gram Negative members of the Enterobacteriaceae family and Pseudomonas spp. / E.coli assay includes Shigatoxigenic Escherichia coli spp. (STEC) only



New Bloom Labs
6121 Heritage Park Dr.
Chattanooga, TN
(844) 837-8223
DEA#: RN-0563975

Natalie Siracusa
Lab Director

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Matterhorn CBG

Plant, Flower - Cured
Harvest Process Lot:



Heavy Metals

(Method of Analysis: GC-ICP)




Analyte	Mass	LOQ
	PPM	PPM
Arsenic	<0.099	0.099
Cadmium	0.155	0.099
Chromium	0.100	0.099
Lead	<0.099	0.099
Mercury	<0.099	0.099
Selenium	<0.099	0.099

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Matterhorn CBG

Plant, Flower - Cured
Harvest Process Lot:



Pesticides

(Method of Analysis: LC/MS/MS)

Analyst: Natalie Siracusa; Date Tested: 10/15/2020

Pass

Analyte	LOQ	Limit	Mass	Status	Analyte	LOQ	Limit	Mass	Status
	PPM	PPM	PPM			PPM	PPM	PPM	
Abamectin	0.25	0.50	<0.25	Pass	Imazalil	0.10	0.20	<0.10	Pass
Acephate	0.20	0.40	<0.20	Pass	Imidacloprid	0.20	0.40	<0.20	Pass
Acequinocyl	1.00	2.00	<1.00	Pass	Kresoxim Methyl	0.20	0.40	<0.20	Pass
Acetamiprid	0.10	0.20	<0.10	Pass	Malathion	0.10	0.20	<0.10	Pass
Aldicarb	0.20	0.40	<0.20	Pass	Metalaxyl	0.10	0.20	<0.10	Pass
Azoxystrobin	0.10	0.20	<0.10	Pass	Methiocarb	0.10	0.20	<0.10	Pass
Bifenazate	0.10	0.20	<0.10	Pass	Methomyl	0.20	0.40	<0.20	Pass
Bifenthrin	0.10	0.20	<0.10	Pass	Methyl Parathion	0.10	0.20	<0.10	Pass
Boscalid	0.20	0.40	<0.20	Pass	MGK-264	0.10	0.20	<0.10	Pass
Carbaryl	0.10	0.20	<0.10	Pass	Myclobutanil	0.10	0.20	<0.10	Pass
Carbofuran	0.10	0.20	<0.10	Pass	Naled	0.25	0.50	<0.25	Pass
Chlorantraniliprole	0.10	0.20	<0.10	Pass	Oxamyl	0.50	1.00	<0.50	Pass
Chlorfenapyr	0.50	1.00	<0.50	Pass	Paclobutrazol	0.20	0.40	<0.20	Pass
Chlorpyrifos	0.10	0.20	<0.10	Pass	Permethrin	0.10	0.20	<0.10	Pass
Clofentezine	0.10	0.20	<0.10	Pass	Phosmet	0.10	0.20	<0.10	Pass
Cyfluthrin	0.50	1.00	<0.50	Pass	Piperonyl Butoxide	1.00	2.00	<1.00	Pass
Cypermethrin	0.50	1.00	<0.50	Pass	Prallethrin	0.10	0.20	<0.10	Pass
Daminozide	0.50	1.00	<0.50	Pass	Propiconazole	0.20	0.40	<0.20	Pass
Diazinon	0.10	0.20	<0.10	Pass	Propoxur	0.10	0.20	<0.10	Pass
Dichlorvos	0.05	0.10	<0.05	Pass	Pyrethrins	0.50	1.00	<0.50	Pass
Dimethoate	0.10	0.20	<0.10	Pass	Pyridaben	0.10	0.20	<0.10	Pass
Ethoprophos	0.10	0.20	<0.10	Pass	Spinosyn A	0.10	0.20	<0.10	Pass
Etofenprox	0.20	0.40	<0.20	Pass	Spinosyn D	0.10	0.20	<0.10	Pass
Etoxazole	0.10	0.20	<0.10	Pass	Spiromesifen	0.10	0.20	<0.10	Pass
Fenoxycarb	0.10	0.20	<0.10	Pass	Spirotetramat	0.10	0.20	<0.10	Pass
Fenproximate	0.20	0.40	<0.20	Pass	Spiroxamine	0.20	0.40	<0.20	Pass
Fipronil	0.20	0.40	<0.20	Pass	Tebuconazole	0.20	0.40	<0.20	Pass
Flonicamid	0.50	1.00	<0.50	Pass	Thiacloprid	0.10	0.20	<0.10	Pass
Fludioxonil	0.20	0.40	<0.20	Pass	Thiamethoxam	0.10	0.20	<0.10	Pass
Hexythiazox	0.50	1.00	<0.50	Pass	Trifloxystrobin	0.10	0.20	<0.10	Pass

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Plant, Flower - Cured

Harvest Process Lot:



Microbials

(Method of Analysis: qPCR and Culture)

Analyst: Robyn Bills; Date Tested: 10/15/2020




Analyte	LOQ	Units	Status
	CFU/g	CFU/g	
Yeast & Mold	10000.000	<10000.000	Tested
Aerobic Bacteria	100000.000	<100000.000	Tested
Coliforms	1000.000	<1000.000	Tested
Enterobacteriaceae	1000.000	1815.000	Tested
Aspergillus		Not Detected	Tested
E. Coli		Not Detected	Tested
Salmonella		Not Detected	Tested

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Matterhorn CBG

Plant, Flower - Cured

Harvest Process Lot:



Mycotoxins

(Testing Method: LC/MS/MS)

Analyst: Natalie Siracusa; Date Tested: 10/15/2020

Pass




Analyte	LOQ	Limit	Units	Status
	PPB	PPB	PPB	
B1	10.00	20.00	<10.00	Pass
B2	10.00	20.00	<10.00	Pass
G1	10.00	20.00	<10.00	Pass
G2	10.00	20.00	<10.00	Pass
Ochratoxin A	10.00	20.00	<10.00	Pass

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