



Blue Cheer CBD

Cresco Management LLC
Hemp ID: 201999H
Plant, Flower - Cured


Sample: DIGP1912.1920.P.09263

Sample Date: 12/20/2019 Report Date: 12/26/2019
METRC Sample:
Lot #: 20191218BC;
USDA Organic #

Potency Test Results

Cannabinoid Test Results

Terpene Test Results



0.613% Total Potential THC	14.301% Total Potential CBD
0.607% THCa	15.996% CBDa

Analyte	CAS No.	LOQ	Mass	Mass
		%	%	mg/g
β-Caryophyllene	87-44-5	0.004	1.203	12.03
α-Humulene	6753-98-6	0.004	0.550	5.50
δ-Limonene	5989-27-5	0.004	0.258	2.58
Linalool	78-70-6	0.004	0.135	1.35
Caryophyllene Oxide	1139-30-6	0.004	0.059	0.59
α-Bisabolol	23089-26-1	0.004	0.042	0.42
β-Pinene	18172-67-3	0.004	0.038	0.38
β-Myrcene	123-35-3	0.004	0.025	0.25
α-Pinene	80-56-8	0.004	0.024	0.24
Eucalyptol	470-82-6	0.004	0.007	0.07
Camphene	79-92-5	0.004	0.005	0.05
α-Terpinene	99-86-5	0.004	<LOQ	<LOQ
δ-3-Carene	13466-78-9	0.004	<LOQ	<LOQ
γ-Terpinene	99-85-4	0.004	<LOQ	<LOQ
Ocimene	13877-91-3	0.004	<LOQ	<LOQ
p-Cymene	99-87-6	0.004	<LOQ	<LOQ
Terpinolene	586-62-9	0.004	<LOQ	<LOQ
Total			2.346	23.46

Analyte	LOQ	Mass	Mass
	%	%	mg/g
THCa	0.013	0.607	6.07
Δ9-THC	0.013	0.081	0.81
Δ8-THC	0.013	<LOQ	<LOQ
THCV	0.013	<LOQ	<LOQ
CBDa	0.013	15.996	159.96
CBD	0.013	0.273	2.73
CBDV	0.013	0.357	3.57
CBN	0.013	<LOQ	<LOQ
CBGa	0.013	0.841	8.41
CBG	0.013	0.098	0.98
CBC	0.013	0.030	0.30
Total		18.283	182.83

NR = Not Reported; ND = Not Detected; LOQ = Limit of Quantification. Terpenes analyzed per Digipath Labs SOP-334 on an Agilent 7697A/7890B/5977A Headspace GC/MS.

Total Potential THC = (THCa * 0.877) + d9-THC + d8-THC, Total Potential CBD = (CBDa * 0.877) + CBD, LOQ = Limit of Quantitation; NR = Not Reported; ND = Not Detected; Cannabinoids for flower and trim reported as received. Cannabinoids analyzed per Digipath Labs SOP-317 on an Agilent 1260 UPLC.

Safety & Quality Tests

CANNABINOIDS LABELING SUGGESTION PER NAC 453A.508

Total Potential THC	CBN	Total Potential CBD
0.613%	<LOQ	14.301%

Scan to View Results



Visual	Not Tested	Moisture Content	11.3%
		Limit	15.0%
Microbiological	Complete	Water Activity	Not Tested
Heavy Metals	Complete	Residual Solvents	Not Tested
Mycotoxins	Complete	Pesticides	Complete
Gender	Not Tested		

I certify that this sample has been tested by DigiPath Labs. All results are reported on AS-IS basis.

Cindy Orser, PhD
Lab Director



Accreditation #99721

All pass/fail limits are as specified in NAC 453.A and DPBH Policies. Unless otherwise stated, all quality control samples performed within specifications previously established by the Laboratory. This product has been tested by Digipath Labs, Inc. using validated testing methodologies under a QMS as required by ISO-17025:2017 and Nevada state law. Sample collected per Digipath Labs' SOP-312. Values reported relate only to the product tested. Water activity tested at 25o C. Digipath Labs, Inc. makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein and treats all client communication and testing results as confidential. This Certificate shall not be reproduced without the written approval of Digipath Labs, Inc. Measurement Uncertainty values have been determined for all methods and analytes. These data are available upon request.



Blue Cheer CBD

Cresco Management LLC
Hemp ID: 201999H
Plant, Flower - Cured

Sample: DIGP1912.1920.P.09263

Sample Date: 12/20/2019 Report Date: 12/26/2019
METRC Sample:
Lot #: 20191218BC;
USDA Organic #

Pesticides

Analyte	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Abamectin	0.020		<LOQ	Tested
Acequinocyl	0.050		<LOQ	Tested
Bifenazate	0.050		0.203	Tested
Bifenthrin	0.050		<LOQ	Tested
Cyfluthrin	0.250		<LOQ	Tested
Cypermethrin	0.050		<LOQ	Tested
Daminozide	0.050		<LOQ	Tested
Dimethomorph	0.050		<LOQ	Tested
Etoxazole	0.050		<LOQ	Tested
Fenhexamid	0.050		<LOQ	Tested
Fonicamid	0.050		<LOQ	Tested
Fludioxonil	0.020		<LOQ	Tested
Imidacloprid	0.020		<LOQ	Tested
Myclobutanil	0.050		<LOQ	Tested
Paclobutrazol	0.020		<LOQ	Tested
Piperonyl Butoxide	0.050		<LOQ	Tested
Pyrethrins	0.050		<LOQ	Tested
Quintozene	0.050		<LOQ	Tested
Spinetoram	0.050		<LOQ	Tested
Spinosad	0.050		<LOQ	Tested
Spirotetramat	0.050		<LOQ	Tested
Thiamethoxam	0.020		<LOQ	Tested
Trifloxystrobin	0.050		<LOQ	Tested

ND = Not Detected; NR = Not Reported; NT = Not Tested; LOQ = Limit of Quantification; Tested Pesticides: Nevada Division of Public and Behavioral Health Monitoring List for Pest Control Substances. Pesticides analyzed per Digipath Labs' SOP-319 on an Agilent 6420 LC QQQ and SOP-318 on an Agilent 7890B-7010B HES-MS. No control limits for hemp products - Per NAC 453a, Bifenazate Limit 0.4 ppm.

Heavy Metals

Analyte	LOQ	Limit	Units	Status
	PPB	PPB	PPB	
Arsenic	1		150	Tested
Cadmium	1		46	Tested
Lead	1		82	Tested
Mercury	1		4	Tested

ND = Not Detected; LOQ = Limit of Quantification; Tested Metals: Arsenic, Cadmium, Lead, Mercury. Heavy Metals analyzed per Digipath Labs SOP-321 using an Agilent 7700 ICP/MS.

Complete

Microbials

Complete

Analyte	LOQ	Limit	Units	Status
	CFU/g	CFU/g	CFU/g	
Aerobic Bacteria	100		NR	NT
Bile-Tolerant Gram-Negative Bacteria	100		<100	Tested
Coliforms	100		<100	Tested
Yeast & Mold	100		45579	Tested
STEC E. coli			Negative	Tested
Salmonella			Negative	Tested
Aspergillus niger			Negative	Tested
Aspergillus flavus			Negative	Tested
Aspergillus fumigatus			Negative	Tested
Aspergillus terreus			Negative	Tested

NR = Not Reported; NT = Not Tested; TNTC = Too Numerous to Count > 10x Limit; Microbials analyzed per Digipath Labs SOP-350 using a Bio-Rad CFX96 real-time system or SOP-351 using 3M petrifilm plates. NAC 453.A limit for Yeast & Mold = 10000 cfu

Mycotoxins

Complete

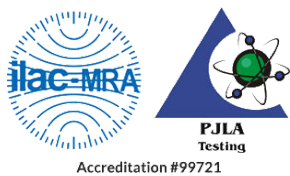
Analyte	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Aflatoxins	20.00		<LOD	Tested
Ochratoxin A	2.00		24.12	Tested

Tested Mycotoxins: aflatoxin B1, aflatoxin B2, aflatoxin G1, aflatoxin G2, and Ochratoxin. Analyzed per Digipath Labs SOP-353 using a PE Victor X3 Plate Reader. No control limits set for hemp products. Per NAC 453.A Aflatoxin Limit: 20 ppb; Ochratoxin Limit: 20 ppb.

Solvents

Not Tested

Analyte	LOQ	Limit	Mass	Status
---------	-----	-------	------	--------



Cindy Orser, PhD
Lab Director

I certify that this sample has been tested by DigiPath Labs. All results are reported on AS-IS basis.

All pass/fail limits are as specified in NAC 453.A and DPBH Policies. Unless otherwise stated, all quality control samples performed within specifications previously established by the Laboratory. This product has been tested by Digipath Labs, Inc. using validated testing methodologies under a QMS as required by ISO-17025:2017 and Nevada state law. Sample collected per Digipath Labs' SOP-312. Values reported relate only to the product tested. Water activity tested at 25o C. Digipath Labs, Inc. makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein and treats all client communication and testing results as confidential. This Certificate shall not be reproduced without the written approval of Digipath Labs, Inc. Measurement Uncertainty values have been determined for all methods and analytes. These data are available upon request.