



Certificate of Analysis

Industrial Hemp

Powered by Confident Cannabis
1 of 7

Black Tie CBD

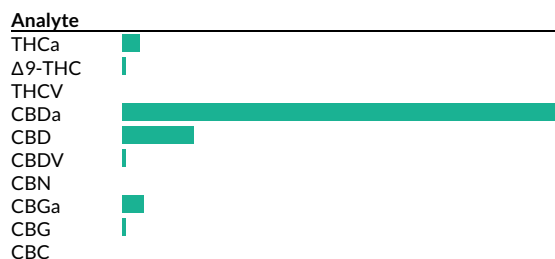
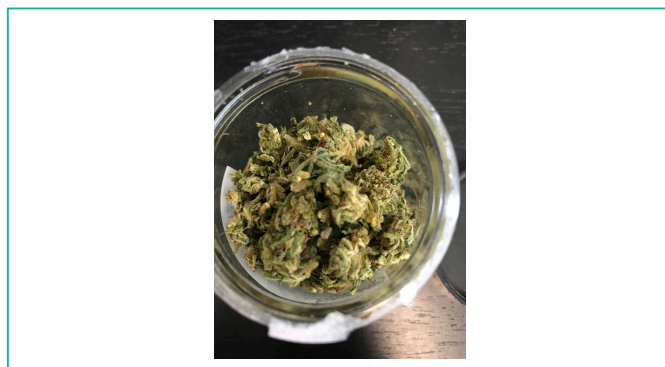
PO Box 1949
Myrtle Creek, OR 97457
support@blacktiecbd.net
(888) 702-2285
Lic. #

Sample: 1909CH0941.3308

Strain: Bleu Cheese
Batch#: ; Batch Size: 10 lb
Sample Received: 10/03/2019; Report Created: 10/07/2019; Expires: 10/07/2020
Harvest/Production Date: 09/01/2019
Sampling: Random; Environment: Room Temp

Bleu Cheese (CBD)

Plant, Flower - Cured, Outdoor
Harvest Process Lot: ; METRC Batch: ; METRC Sample:

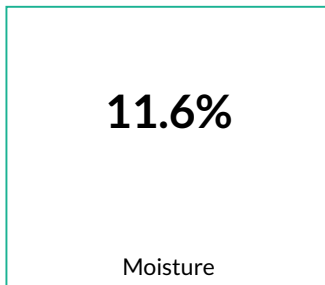
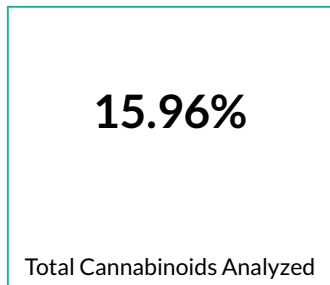
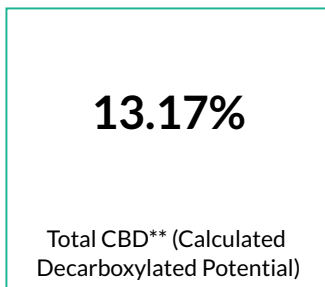
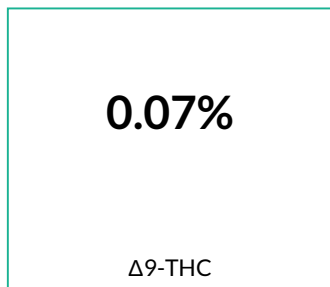


Cannabinoids

003 HPLC6 20191004-5
10/04/2019

1 Serving = Gram, g
servings/container,

Pass



Analyte	LOQ	Mass	Mass
	mg/g	%	mg/g
THCa	0.2	0.49	4.9
Δ9-THC	0.2	0.07	0.7
THCV	0.2	<LOQ	<LOQ
CBDa	0.2	12.70	127.0
CBD	0.2	2.03	20.3
CBDV	0.2	0.03	0.3
CBN	0.2	<LOQ	<LOQ
CBGa	0.2	0.61	6.1
CBG	0.2	0.04	0.4
CBC	0.2	<LOQ	<LOQ
Total		15.96	159.6

Method: CH SOP 400
*Total THC = THCa * 0.877 + d9-THC. **Total CBD = CBDa * 0.877 + CBD. LOQ = Limit of Quantification; NR = Not Reported; ND = Not Detected



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Laboratory Director

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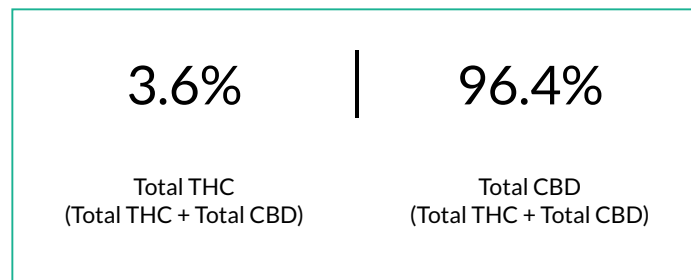
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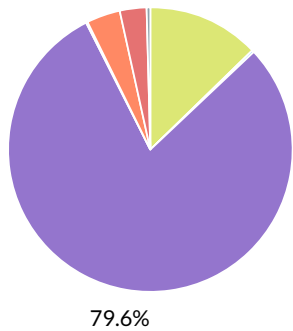
Plant, Flower - Cured, Outdoor
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



Cannabinoid Ratios



■ CBD
 ■ CBG
 ■ CBDa
 ■ CBDV
■ CBGa
 ■ THCa
 ■ Δ9-THC



Analyte	LOQ	Mass	Mass
	mg/g	%	mg/g
THCa	0.2	0.49	4.9
Δ9-THC	0.2	0.07	0.7
THCV	0.2	<LOQ	<LOQ
CBDa	0.2	12.70	127.0
CBD	0.2	2.03	20.3
CBDV	0.2	0.03	0.3
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CBGa	0.2	0.61	6.1
CBG	0.2	0.04	0.4
CBC	0.2	<LOQ	<LOQ
Total		15.96	159.6



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Bleu Cheese (CBD)

Plant, Flower - Cured, Outdoor
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



Terpenes

087 GCFID2 20191004-RUSH
10/04/2019

Analyte	Mass %	Mass mg/g	LOQ %	Analyte	Mass %	Mass mg/g	LOQ %
cis-Phytol	<LOQ	<LOQ	0.02	β-Myrcene	0.16	1.6	0.02
Valencene	<LOQ	<LOQ	0.02	γ-Terpinene	<LOQ	<LOQ	0.02
Sabinene	<LOQ	<LOQ	0.02	Anisole	<LOQ	<LOQ	0.02
Ocimene 1	<LOQ	<LOQ	0.02	Fenchone	<LOQ	<LOQ	0.07
Geraniol	<LOQ	<LOQ	0.02	Isoborneol	<LOQ	<LOQ	0.02
Neral	<LOQ	<LOQ		δ-Limonene	0.10	1.0	0.02
α-Humulene	0.04	0.4	0.02	Ocimene 2	<LOQ	<LOQ	0.02
α-Terpinene	<LOQ	<LOQ	0.02	Camphene	<LOQ	<LOQ	0.02
trans-Phytol	0.05	0.5	0.02	α-Phellandrene	<LOQ	<LOQ	0.02
Caryophyllene Oxide	<LOQ	<LOQ	0.02	γ-Terpineol	<LOQ	<LOQ	0.04
(-)-β-Pinene	<LOQ	<LOQ	0.02	Geranyl Acetate	<LOQ	<LOQ	0.18
α-Pinene	<LOQ	<LOQ	0.02	β-Caryophyllene	0.14	1.4	0.02
Camphor	<LOQ	<LOQ	0.02	Sabinene Hydrate	<LOQ	<LOQ	0.02
(-)-α-Bisabolol	0.08	0.8	0.02	Farnesene	0.03	0.3	0.02
α-Cedrene	<LOQ	<LOQ	0.02	Nerol	<LOQ	<LOQ	0.02
Terpinolene	<LOQ	<LOQ	0.02	trans-Nerolidol	0.06	0.6	0.02
Endo-Fenchyl Alcohol	<LOQ	<LOQ	0.02	Borneol	<LOQ	<LOQ	0.02
p-Isopropyltoluene	<LOQ	<LOQ	0.02	Hexahydro Thymol	<LOQ	<LOQ	0.02
Azulene	<LOQ	<LOQ	0.02	Squalene	0.02	0.2	
α-Terpineol	0.03	0.3	0.02	δ-3-Carene	<LOQ	<LOQ	0.02
Cedrol	0.11	1.1	0.02	Eucalyptol	<LOQ	<LOQ	0.02
Citral	<LOQ	<LOQ	0.02	Eugenol	<LOQ	<LOQ	0.02
(-)-Guaiol	<LOQ	<LOQ	0.02	(-)-Isopulegol	<LOQ	<LOQ	0.02
β-Nerolidol	0.06	0.6	0.02	Pulegone	<LOQ	<LOQ	0.02
Linalool	0.10	1.0	0.02	cis-Nerolidol	0.13	1.3	0.02
Neryl Acetate	<LOQ	<LOQ	0.02				

Primary Aromas



Method: GC-FID CH SOP 401; based on dry weight; LOQ = Limit of Quantification; NR = Not Reported; ND = Not Detected



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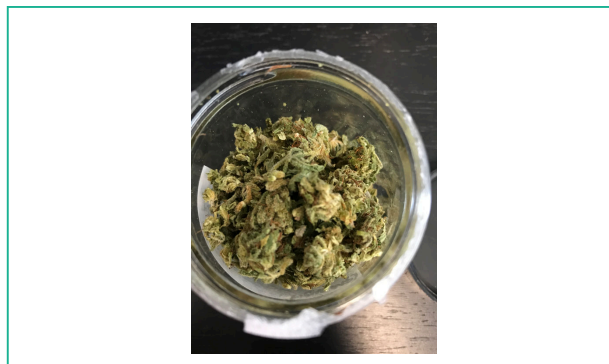


Moisture

Pass

10/03/2019

11.6%
Moisture



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Bleu Cheese (CBD)

Plant, Flower - Cured, Outdoor
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
003 HPLC6 20191004-5	PMB100219103F-RX	Cannabinoids	Blank

QC Notes

None

Compounds	Blank Result	Blank Max % (LOQ)	Blank Result %	Notes
THCa	0	0.05	<LOQ	-
Δ9-THC	0	0.05	<LOQ	-
CBDa	0.02	0.05	<LOQ	-
CBD	0	0.05	<LOQ	-



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Bleu Cheese (CBD)

Plant, Flower - Cured, Outdoor
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
003 HPLC6 20191004-5	PLCS100219103F-RX	Cannabinoids	Lab Control Sample

QC Notes

None

Compounds	LCS Result (%)	LCS Spike	LCS % Rec	% Limits	Notes
THCa	3.99	4.45	89.66	70 - 130	-
Δ^9 -THC	4.31	3.47	124.21	70 - 130	-
CBDa	4.6	5.69	80.84	70 - 130	-
CBD	4.24	3.55	119.44	57 - 143	-



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Sampling: Random; Environment: Room Temp

Bleu Cheese (CBD)

Plant, Flower - Cured, Outdoor
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
003 HPLC6 20191004-5	PMS100219103F-RX	Cannabinoids	Spike

QC Notes

None

Compounds	LOQ	Matrix Duplicate % RPD	Duplicate RPD Notes	Matrix Spike % Rec	% Limits	Notes
THCa	0.04	0.96	<20	16	70 - 130	Below Limit Range
Δ9-THC	0.04	3.14	<20	93	70 - 130	-
CBDa	0.04	0	<20	100	70 - 130	-
CBD	0.04	<LOQ	<LOQ	102	70 - 130	-



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