



Certificate of Analysis

Sample provided to the laboratory by the client and tested as received.

Powered by Confident Cannabis
1 of 5

Black Tie CBD

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

Sample: 2006CH0538.2222

Strain: none
Batch#: ; Batch Size: g
Sample Received: 07/01/2020; Report Created: 07/24/2020; Expires: 07/24/2021
Harvest/Production Date:
Sampling: Random; Environment: Room Temp

CBD Crystalline

Concentrates & Extracts, Crystalline Solid, Other
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



Analyte

THCa
Δ9-THC
THCV
CBDa
CBD
CBDV
CBN
CBGa
CBG
CBC

Cannabinoids

638 HPLC4 20200702-3
07/02/2020 | METRC THC RPD Status: Not Tested

Pass

<LOQ

Total THC* (Calculated
Decarboxylated Potential)

89.70%

Total CBD** (Calculated
Decarboxylated Potential)

89.93%

Total Cannabinoids Analyzed

Moisture
1500.0 Limit

Water
Activity
NR
0.65 Limit

Microbial Potential

Analyte	LOQ	Mass	Mass
	mg/g	%	mg/g
THCa	2.0	<LOQ	<LOQ
Δ9-THC	2.0	<LOQ	<LOQ
THCV	2.0	<LOQ	<LOQ
CBDa	2.0	<LOQ	<LOQ
CBD	2.0	89.70	897.0
CBDV	2.0	0.22	2.2
CBN	2.0	<LOQ	<LOQ
CBGa	2.0	<LOQ	<LOQ
CBG	2.0	<LOQ	<LOQ
CBC	2.0	<LOQ	<LOQ
Total		89.93	899.3

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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http://chemhistory.com
Lic# OLCC 010-1002015CA5E ORELAP 4057

Patrick Trujillo
Technical Director

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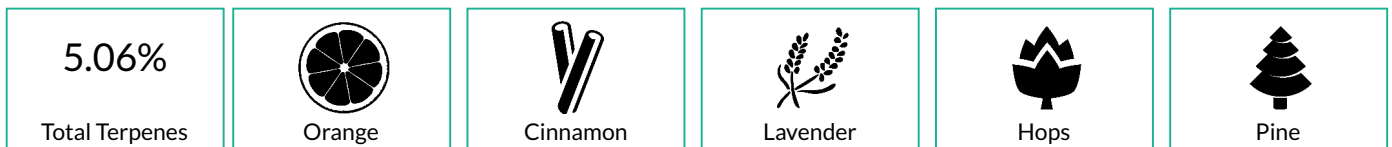


Terpenes

229 GCFID2 20200702-1
07/02/2020

Analyte	Mass %	Mass mg/g	LOQ %	Analyte	Mass %	Mass mg/g	LOQ %
cis-Phytol	<LOQ	<LOQ	0.02	γ-Terpinene	<LOQ	<LOQ	0.02
Valencene	<LOQ	<LOQ	0.02	Anisole	<LOQ	<LOQ	0.02
Sabinene	<LOQ	<LOQ	0.02	Fenchone	<LOQ	<LOQ	0.02
Ocimene 1	<LOQ	<LOQ	0.02	Isoborneol	<LOQ	<LOQ	0.02
Geraniol	<LOQ	<LOQ	0.02	δ-Limonene	1.52	15.2	0.02
Neral	<LOQ	<LOQ	0.02	Ocimene 2	<LOQ	<LOQ	0.02
α-Humulene	0.36	3.6	0.02	Camphene	<LOQ	<LOQ	0.02
α-Terpinene	<LOQ	<LOQ	0.02	α-Phellandrene	<LOQ	<LOQ	0.02
trans-Phytol	<LOQ	<LOQ	0.02	γ-Terpineol	<LOQ	<LOQ	0.02
Caryophyllene Oxide	0.03	0.3	0.02	Geranyl Acetate	<LOQ	<LOQ	0.02
(-)-β-Pinene	0.14	1.4	0.02	β-Caryophyllene	1.42	14.2	0.02
α-Pinene	0.05	0.5	0.02	Sabinene Hydrate	<LOQ	<LOQ	0.02
Camphor	<LOQ	<LOQ	0.02	Nerol	<LOQ	<LOQ	0.02
(-)-α-Bisabolol	<LOQ	<LOQ	0.02	trans-Nerolidol	0.15	1.5	0.02
α-Cedrene	<LOQ	<LOQ	0.02	Borneol	<LOQ	<LOQ	0.02
Terpinolene	<LOQ	<LOQ	0.02	Hexahydro Thymol	<LOQ	<LOQ	0.02
Endo-Fenchyl Alcohol	<LOQ	<LOQ	0.02	Squalene	<LOQ	<LOQ	0.02
p-Isopropyltoluene	<LOQ	<LOQ	0.02	δ-3-Carene	<LOQ	<LOQ	0.02
Azulene	<LOQ	<LOQ	0.02	Eucalyptol	<LOQ	<LOQ	0.02
α-Terpineol	<LOQ	<LOQ	0.02	Eugenol	<LOQ	<LOQ	0.02
Cedrol	<LOQ	<LOQ	0.02	(-)-Isopulegol	<LOQ	<LOQ	0.02
Citral	<LOQ	<LOQ	0.02	Pulegone	<LOQ	<LOQ	0.02
(-)-Guaiaol	<LOQ	<LOQ	0.02	cis-Nerolidol	0.08	0.8	0.02
Linalool	0.90	9.0	0.02	β-Farnesene	<LOQ	<LOQ	0.02
Neryl Acetate	<LOQ	<LOQ	0.02	cis-β-Farnesene	<LOQ	<LOQ	0.02
β-Myrcene	0.41	4.1	0.02	α-Farnesene	<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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CBD Crystalline

Concentrates & Extracts, Crystalline Solid, Other
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
638 HPLC4 20200702-3	638 HPLC4 20200702-3	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	0.05	<LOQ	-
CBD	0	0.05	<LOQ	-



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Harvest/Production Date:
Sampling: Random; Environment: Room Temp

CBD Crystalline

Concentrates & Extracts, Crystalline Solid, Other
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
638 HPLC4 20200702-3	PLCS07012003CN	Cannabinoids	Lab Control Sample

QC Notes

None

Compounds	LCS Result (%)	LCS Spike	LCS % Rec	% Limits	Notes
THCa	16.85	19.24	87.58	70 - 130	-
Δ^9 -THC	24.17	20.21	119.59	70 - 130	-
CBDa	0.81	0.89	91.01	70 - 130	-
CBD	6.05	5.44	111.21	57 - 143	-



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CBD Crystalline

Concentrates & Extracts, Crystalline Solid, Other
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
638 HPLC4 20200702-3	PMS07012003CN	Cannabinoids	Spike

QC Notes

None

Compounds	LOQ	Matrix Duplicate % RPD	Duplicate RPD Notes	Matrix Spike % Rec	% Limits	Notes
THCa	0.25	1.18	<20	5	70 - 130	Below Limit Range
Δ9-THC	0.25	3.19	<20	76	70 - 130	-
CBDa	0.25	<LOQ	<LOQ	86	70 - 130	-
CBD	0.25	<LOQ	<LOQ	103	70 - 130	-



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