



# Certificate of Analysis

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

Powered by Confident Cannabis

1 of 3

## Black Tie CBD

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

Sample: 2108CH0265.1139

Strain: CBD Crystalline  
Batch#: ; Batch Size: g  
Sample Received: 08/17/2021; Report Created: 08/20/2021  
Harvest/Production Date:  
Sampling: Random; Environment: Room Temp

## CBD Crystalline

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



Analyte	Analyte
THCa	CBDV
$\Delta^9$ -THC	CBN
$\Delta^8$ -THC	CBGa
THCV	CBG
CBDa	CBC
CBD	

## Cannabinoids

438 HPLC6 20210818-2  
08/18/2021 | METRC THC RPD Status: Not Tested ; METRC CBD RPD Status: Not Tested

1 Serving = , g  
servings/container

Pass

<b>&lt;LOQ</b>	<b>93.60%</b>
Total THC* (Calculated Decarboxylated Potential)	Total CBD** (Calculated Decarboxylated Potential)

Analyte	LOQ	Mass	Mass
	mg/g	mg/g	%
THCa	1.9	<LOQ	<LOQ
$\Delta^9$ -THC	1.9	<LOQ	<LOQ
$\Delta^8$ -THC	1.9	<LOQ	<LOQ
THCV	1.9	<LOQ	<LOQ
CBDa	1.9	<LOQ	<LOQ
CBD	1.9	936.0	93.60
CBDV	1.9	4.3	0.43
CBN	1.9	<LOQ	<LOQ
CBGa	1.9	<LOQ	<LOQ
CBG	1.9	<LOQ	<LOQ
CBC	1.9	<LOQ	<LOQ
<b>Total</b>		<b>940.2</b>	<b>94.02</b>

<b>94.02%</b>
Total Cannabinoids Analyzed

Method: CH SOP 4400  
\*Total THC = THCa \* 0.877 + d9-THC. \*\*Total CBD = CBDa \* 0.877 + CBD. LOQ = Limit of Quantification; NR = Not Reported; ND = Not Detected  
>ULOQ = above upper LOQ. ULOQ for pre-harvest hemp = 5% and 4% for CannaZoom Concentrates.



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Technical Director

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## CBD Crystalline

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



## Terpenes

937 GCFID1 20210818-1  
08/18/2021

Analyte	Mass %	Mass mg/g	LOQ %
cis-Phytol	<LOQ	<LOQ	0.02
Valencene	<LOQ	<LOQ	0.02
Sabinene	<LOQ	<LOQ	0.02
Ocimene 1	<LOQ	<LOQ	0.02
Geraniol	0.04	0.4	0.02
Neral	<LOQ	<LOQ	0.02
α-Humulene	0.42	4.2	0.02
α-Terpinene	<LOQ	<LOQ	0.02
trans-Phytol	<LOQ	<LOQ	0.02
Caryophyllene Oxide	0.08	0.8	0.02
(-)-β-Pinene	<LOQ	<LOQ	0.02
α-Pinene	<LOQ	<LOQ	0.02
Camphor	<LOQ	<LOQ	0.02
(-)-α-Bisabolol	0.11	1.1	0.02
α-Cedrene	<LOQ	<LOQ	0.02
Terpinolene	<LOQ	<LOQ	0.02
Endo-Fenchyl Alcohol	<LOQ	<LOQ	0.02
p-Isopropyltoluene	<LOQ	<LOQ	0.02
Azulene	<LOQ	<LOQ	0.02
α-Terpineol	<LOQ	<LOQ	0.02
Cedrol	<LOQ	<LOQ	0.02
Citral	<LOQ	<LOQ	0.02
(-)-Guaiol	<LOQ	<LOQ	0.02
Linalool	0.24	2.4	0.02
Neryl Acetate	<LOQ	<LOQ	0.02
β-Myrcene	0.09	0.9	0.02

Analyte	Mass %	Mass mg/g	LOQ %
γ-Terpinene	<LOQ	<LOQ	0.02
Anisole	<LOQ	<LOQ	0.02
Fenchone	<LOQ	<LOQ	0.02
Isoborneol	<LOQ	<LOQ	0.02
δ-Limonene	0.06	0.6	0.02
Ocimene 2	<LOQ	<LOQ	0.02
Camphene	<LOQ	<LOQ	0.02
α-Phellandrene	<LOQ	<LOQ	0.02
γ-Terpineol	<LOQ	<LOQ	0.02
Geranyl Acetate	<LOQ	<LOQ	0.02
β-Caryophyllene	1.60	16.0	0.02
Sabinene Hydrate	<LOQ	<LOQ	0.02
Nerol	<LOQ	<LOQ	0.02
trans-Nerolidol	<LOQ	<LOQ	0.02
Borneol	<LOQ	<LOQ	0.02
Hexahydro Thymol	<LOQ	<LOQ	0.02
Squalene	<LOQ	<LOQ	0.02
δ-3-Carene	<LOQ	<LOQ	0.02
Eucalyptol	<LOQ	<LOQ	0.02
Eugenol	<LOQ	<LOQ	0.02
(-)-Isopulegol	<LOQ	<LOQ	0.02
Pulegone	<LOQ	<LOQ	0.02
cis-Nerolidol	<LOQ	<LOQ	0.02
β-Farnesene	<LOQ	<LOQ	0.02
cis-β-Farnesene	<LOQ	<LOQ	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

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## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
438 HPLC6 20210818-2	P08172102CN	Cannabinoids	Sample Duplicate

### QC Notes

None

Compound	Blank	LCS Result	LCS (Expected)	LOQ	Matrix Duplicate	Sample Matrix	LCS % Rec.	Acceptance Criteria	Units
THCa	0	11.43	12.66	0.2	84.77	84.87	90.284	80%-120%	%
Δ9-THC	0.04	30.01	31.41	0.2	1.34	1.46	95.543	80%-120%	%
CBDa	0	0.71	0.55	0.2	0.26	0.19	129.091	80%-120%	%
CBD	0	6.67	7.33	0.2	0	0	90.996	80%-120%	%



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