



Certificate of Analysis

Industrial Hemp

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: 1906CH0222.0921

Strain: none
Batch#: ; Batch Size: g
Sample Received: 06/18/2019; Report Created: 06/24/2019; Expires: 06/24/2020
Harvest/Production Date:
Sampling: Random; Environment: Room Temp

CBG Kief

Concentrates & Extracts, Kief, Dry Sift
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



Analyte



Cannabinoids

447 HPLC3 20190619-5
06/19/2019

1 Serving = . g
servings/container,

Pass

0.12%

Δ9-THC

5.50%

Total CBD** (Calculated
Decarboxylated Potential)

21.61%

Total Cannabinoids Analyzed

NR

Moisture

Analyte	LOQ	Mass	Mass
	mg/g	%	mg/g
THCa	0.2	0.36	3.6
Δ9-THC	0.2	0.12	1.2
THCV	0.2	<LOQ	<LOQ
CBDa	0.2	5.79	57.9
CBD	0.2	0.42	4.2
CBDV	0.2	<LOQ	<LOQ
CBN	0.2	<LOQ	<LOQ
CBGa	0.2	14.06	140.6
CBG	0.2	0.69	6.9
CBC	0.2	0.16	1.6
Total		21.61	216.1

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



5691 SE International Way B
Portland, OR
(503) 305-5252
http://chemhistory.com
Lic# OLCC 010-1002015CA5E ORELAP 4057

Douglas Duncan
Laboratory Director

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

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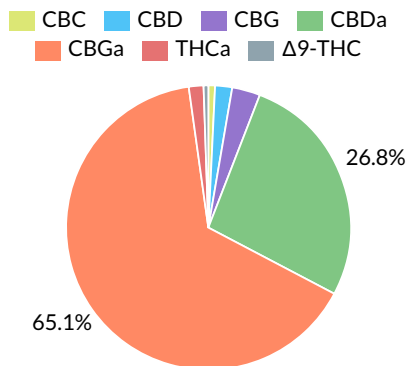
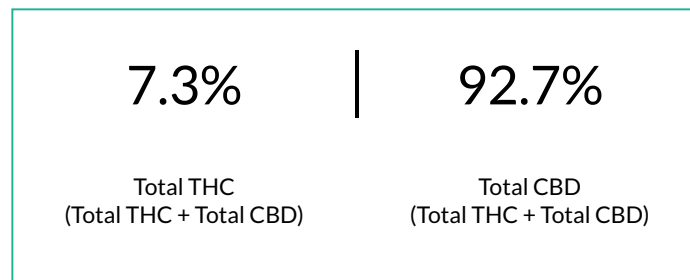
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Cannabinoid Ratios



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CBG Kief

Concentrates & Extracts, Kief, Dry Sift
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
447 HPLC3 20190619-5	PMB06181901CN	Cannabinoids	Blank

QC Notes

None

Compounds	Blank Max % (LOQ)	Blank Result %	Notes
THCa	0.1	<LOQ	-
Δ9-THC	0.1	<LOQ	-
CBDa	0.1	<LOQ	-
CBD	0.1	<LOQ	-



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

CBG Kief

Concentrates & Extracts, Kief, Dry Sift
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
447 HPLC3 20190619-5	PLCS06181901CN	Cannabinoids	Lab Control Sample

QC Notes

None

Compounds	LCS Result (%)	LCS Spike	LCS % Rec	% Limits	Notes
THCa	11.35	12.2	93.03	70 - 130	-
Δ^9 -THC	15.78	15.16	104.09	70 - 130	-
CBDa	4.14	3.64	113.74	70 - 130	-
CBD	14.26	13.86	102.89	57 - 143	-



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CBG Kief

Concentrates & Extracts, Kief, Dry Sift
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
447 HPLC3 20190619-5	PMS06181901CN	Cannabinoids	Spike

QC Notes

None

Compounds	LOQ	Matrix Duplicate % RPD	Duplicate RPD Notes	Matrix Spike % Rec	% Limits	Notes
THCa	0.2	0.53	<20	7	70 - 130	Below Limit Range
Δ9-THC	0.2	1.59	<20	62	70 - 130	Below Limit Range
CBDa	0.2	6.9	<20	74	70 - 130	-
CBD	0.2	<LOQ	<LOQ	106	70 - 130	-



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