



Certificate of Analysis

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

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Black Tie CBD

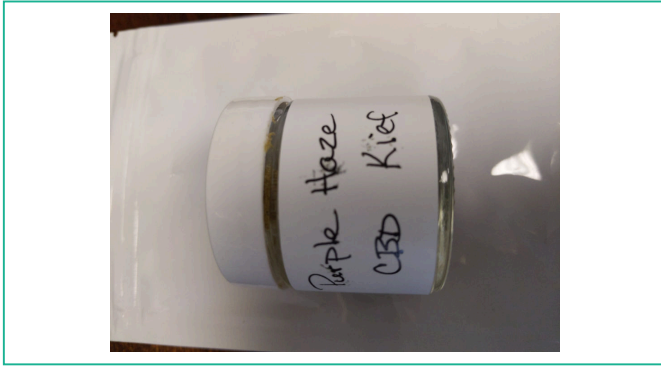
PO Box 1949
Myrtle Creek, OR 97457
support@blacktiecbd.net
(888) 702-2285
Lic. #

Sample: 2005CH0279.1148

Strain: Purple Haze
Batch#: ; Batch Size: g
Sample Received: 05/22/2020; Report Created: 05/27/2020; Expires: 05/27/2021
Harvest/Production Date:
Sampling: Random; Environment: Room Temp

Purple Haze CBD Kief

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



Analyte

THCa	
Δ9-THC	
THCV	
CBDa	<div style="width: 10%;"></div>
CBD	<div style="width: 80%;"></div>
CBDV	
CBN	
CBGa	
CBG	
CBC	

Cannabinoids

609 HPLC4 20200523-4
05/23/2020 | METRC THC RPD Status: Not Tested

Pass

<LOQ

Total THC* (Calculated Decarboxylated Potential)

59.59%

Total CBD** (Calculated Decarboxylated Potential)

61.18%

Total Cannabinoids Analyzed

Moisture	Water Activity
NR	NR
1500.0 Limit	0.65 Limit

Microbial Potential

Analyte	LOQ	Mass	Mass
	mg/g	%	mg/g
THCa	2.5	<LOQ	<LOQ
Δ9-THC	2.5	<LOQ	<LOQ
THCV	2.5	<LOQ	<LOQ
CBDa	2.5	12.88	128.8
CBD	2.5	48.30	483.0
CBDV	2.5	<LOQ	<LOQ
CBN	2.5	<LOQ	<LOQ
CBGa	2.5	<LOQ	<LOQ
CBG	2.5	<LOQ	<LOQ
CBC	2.5	<LOQ	<LOQ
Total		61.18	611.8

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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Terpenes

210 GCFID2 20200523-1
05/23/2020

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	0.05	0.5	0.02
Neral	<LOQ	<LOQ	0.02	Ocimene 2	<LOQ	<LOQ	0.02
α-Humulene	0.05	0.5	0.02	Camphene	<LOQ	<LOQ	0.02
α-Terpinene	<LOQ	<LOQ	0.02	α-Phellandrene	<LOQ	<LOQ	0.02
trans-Phytol	0.03	0.3	0.02	γ-Terpineol	<LOQ	<LOQ	0.02
Caryophyllene Oxide	<LOQ	<LOQ	0.02	Geranyl Acetate	<LOQ	<LOQ	0.02
(-)-β-Pinene	<LOQ	<LOQ	0.02	β-Caryophyllene	0.11	1.1	0.02
α-Pinene	0.08	0.8	0.02	Sabinene Hydrate	<LOQ	<LOQ	0.02
Camphor	<LOQ	<LOQ	0.02	Nerol	<LOQ	<LOQ	0.02
(-)-α-Bisabolol	0.04	0.4	0.02	trans-Nerolidol	0.05	0.5	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	0.04	0.4	0.02	cis-Nerolidol	<LOQ	<LOQ	0.02
Linalool	<LOQ	<LOQ	0.02	β-Farnesene	<LOQ	<LOQ	0.02
Neryl Acetate	<LOQ	<LOQ	0.02	cis-β-Farnesene	<LOQ	<LOQ	0.02
β-Myrcene	0.58	5.8	0.02	α-Farnesene	<LOQ	<LOQ	0.02

Primary Aromas

1.03% Total Terpenes	 Hops	 Cinnamon	 Pine	 Orange	 Chamomile
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Method: GC-FID CH SOP 401; based on dry weight; LOQ = Limit of Quantification; NR = Not Reported; ND = Not Detected



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Purple Haze CBD 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
609 HPLC4 20200523-4	PMB05222004CN	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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Purple Haze CBD 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
609 HPLC4 20200523-4	PLCS05222004CN	Cannabinoids	Lab Control Sample

QC Notes

None

Compounds	LCS Result (%)	LCS Spike	LCS % Rec	% Limits	Notes
THCa	17.61	19.24	91.53	70 - 130	-
Δ9-THC	22.82	20.21	112.91	70 - 130	-
CBDa	0.87	0.89	97.75	70 - 130	-
CBD	5.87	5.44	107.9	57 - 143	-



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Purple Haze CBD 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
609 HPLC4 20200523-4	PMS05222004CN	Cannabinoids	Spike

QC Notes

None

Compounds	LOQ	Matrix Duplicate % RPD	Duplicate RPD Notes	Matrix Spike % Rec	% Limits	Notes
THCa	0.25	0.94	<20	5	70 - 130	Below Limit Range
Δ9-THC	0.25	5.43	<20	87	70 - 130	-
CBDa	0.25	<LOQ	<LOQ	4136	70 - 130	Above Limit Range
CBD	0.25	<LOQ	<LOQ	11	70 - 130	Below Limit Range



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