





# 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: 2006CH0504.2200

Strain: Bubba Kush  
Batch#: ; Batch Size: g  
Sample Received: 06/29/2020; Report Created: 07/02/2020; Expires: 07/02/2021  
Harvest/Production Date:  
Sampling: Random; Environment: Room Temp

## Bubba Kush (CBD)

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



## Terpenes

714 GCFID1 20200630-2  
06/30/2020

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	0.06	0.6	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	0.14	1.4	0.02
Neral	<LOQ	<LOQ	0.02	Ocimene 2	<LOQ	<LOQ	0.02
α-Humulene	0.11	1.1	0.02	Camphene	<LOQ	<LOQ	0.02
α-Terpinene	<LOQ	<LOQ	0.02	α-Phellandrene	<LOQ	<LOQ	0.02
trans-Phytol	0.04	0.4	0.02	γ-Terpineol	<LOQ	<LOQ	0.02
Caryophyllene Oxide	0.03	0.3	0.02	Geranyl Acetate	<LOQ	<LOQ	0.02
(-)-β-Pinene	<LOQ	<LOQ	0.02	β-Caryophyllene	0.35	3.5	0.02
α-Pinene	<LOQ	<LOQ	0.02	Sabinene Hydrate	<LOQ	<LOQ	0.02
Camphor	<LOQ	<LOQ	0.02	Nerol	<LOQ	<LOQ	0.02
(-)-α-Bisabolol	0.19	1.9	0.02	trans-Nerolidol	<LOQ	<LOQ	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	0.03	0.3	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
(-)-Guaial	0.05	0.5	0.02	cis-Nerolidol	0.09	0.9	0.02
Linalool	0.06	0.6	0.02	β-Farnesene	0.69	6.9	0.02
Neryl Acetate	<LOQ	<LOQ	0.02	cis-β-Farnesene	0.18	1.8	0.02
β-Myrcene	0.07	0.7	0.02	α-Farnesene	0.33	3.3	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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Lic# OLCC 010-1002015CA5E ORELAP 4057

Patrick Trujillo  
Technical Director

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## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
702 HPLC3 20200630-1	PMB06292002F	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 Process Lot: ; METRC Batch: ; METRC Sample:



## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
702 HPLC3 20200630-1	PLCS06292002F	Cannabinoids	Lab Control Sample

### QC Notes

None

Compounds	LCS Result (%)	LCS Spike	LCS % Rec	% Limits	Notes
THCa	3.54	3.64	97.25	70 - 130	-
Δ9-THC	3.6	3.74	96.26	70 - 130	-
CBDa	3.81	3.77	101.06	70 - 130	-
CBD	4.26	4.07	104.67	57 - 143	-



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## Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
702 HPLC3 20200630-1	PMS06292002F	Cannabinoids	Spike

### QC Notes

None

Compounds	LOQ	Matrix Duplicate % RPD	Duplicate RPD Notes	Matrix Spike % Rec	% Limits	Notes
THCa	0.04	2.25	<20	5	70 - 130	Below Limit Range
Δ9-THC	0.04	6.19	<20	84	70 - 130	-
CBDa	0.04	0	<20	79	70 - 130	-
CBD	0.04	<LOQ	<LOQ	101	70 - 130	-



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