



# Green Leaf Lab®

251 Lathrop Way Suites D&E Sacramento, CA 95815  
916-924-5227 / www.greenleaflabs.com  
License#: C8-000078-LIC

## Quality Control Testing Official Report

### Distributor

Black Tie Group LLC  
730 Kiley Ave, Yuba City CA 95991

### Cultivator/Manufacturer

Black Tie Group LLC R&D  
730 Kiley Ave  
Yuba City CA 95991



### CBD/CBN Liquid

Test RFID:

Source RFID: n/a

Lab Sample ID: S1F0186-01

Source Batch ID: n/a

Matrix: Inhalable Hemp Products

Batch Size: n/a

Sample Size: 10 grams

Date Sampled: 06/17/21

Date Received: 06/17/21

Harvest/Processing Date: n/a

Product Density: n/a

## Potency Analysis by HPLC

Date/Time Extracted: 06/17/21 12:12

Analysis Method/SOP: C-001

Date/Time Analyzed: 06/18/21 11:29

Cannabinoids	LOD mg/g	LOQ mg/g	%	mg/g
Total THC	0.06	0.07	0.256	2.56
Total CBD	0.81	0.84	49.195	491.95
THCA	0.06	0.07	ND	ND
delta 9-THC	0.06	0.07	0.256	2.56
THCV	0.81	0.84	1.493	14.93
THCVA	0.81	0.84	ND	ND
CBD	0.81	0.84	49.195	491.95
CBDA	0.81	0.84	ND	ND
CBDV	0.81	0.84	ND	ND
CBDVA	0.81	0.84	ND	ND
CBN	0.81	0.84	21.960	219.6
CBG	0.81	0.84	ND	ND
CBGA	0.81	0.84	ND	ND
CBC	0.81	0.84	ND	ND
Total Cannabinoids	0.81	0.84	72.648	726.48

Total THC = delta 9-THC + (THCA \* 0.877)

Total CBD = CBD + (CBDA \* 0.877)

Chuanwen Lu  
Laboratory Director - 6/22/2021

LQC samples were performed and met the prescribed acceptance criteria in 16 CCR section 5730; data available upon request. These results relate only to the sample included on this report. The report may not be reproduced except in full, without the written permission of Green Leaf Lab.

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Harvest/Processing Date: n/a

Product Density: n/a

### Terpene Analysis by GCMS

Date/Time Extracted: 06/17/21 12:12

Analysis Method/SOP: T-001

Date/Time Analyzed: 06/18/21 20:26

Monoterpenes	%	mg/g	Monoterpenes	%	mg/g
Camphene	< LOQ	< LOQ	Camphor	< LOQ	< LOQ
3-Carene	< LOQ	< LOQ	alpha-Cedrene	< LOQ	< LOQ
Cedrol	< LOQ	< LOQ	Endo-fenchyl alcohol	< LOQ	< LOQ
Eucalyptol	< LOQ	< LOQ	Fenchone	< LOQ	< LOQ
Geranyl acetate	< LOQ	< LOQ	Hexahydrothymol	< LOQ	< LOQ
Isoborneol	< LOQ	< LOQ	Isopulegol	< LOQ	< LOQ
Limonene	< LOQ	< LOQ	Linalool	< LOQ	< LOQ
beta-Myrcene	< LOQ	< LOQ	Ocimene	< LOQ	< LOQ
alpha-Pinene	< LOQ	< LOQ	beta-Pinene	< LOQ	< LOQ
Pulegone	< LOQ	< LOQ	Sabinene	< LOQ	< LOQ
Sabinene hydrate	< LOQ	< LOQ	gamma-Terpinene	< LOQ	< LOQ
alpha-Terpinene	< LOQ	< LOQ	Terpineol	< LOQ	< LOQ
Terpinolene	< LOQ	< LOQ	Nerol	< LOQ	< LOQ
A-Terpineol	< LOQ	< LOQ	Borneol	< LOQ	< LOQ
Ocimene isomer II	< LOQ	< LOQ	p-Mentha-1,5-diene	< LOQ	< LOQ
alpha-phellandrene	< LOQ	< LOQ	Ocimene isomer I	< LOQ	< LOQ
Sesquiterpenes	%	mg/g	Sesquiterpenes	%	mg/g
alpha-Bisabolol	33.0	330	beta-Caryophyllene	< LOQ	< LOQ
Caryophyllene Oxide	0.01	0.1	Guaiol	0.02	0.2
alpha-Humulene	< LOQ	< LOQ	trans-Nerolidol	< LOQ	< LOQ
Valencene	< LOQ	< LOQ	cis-Nerolidol	< LOQ	< LOQ
<b>Total Terpenes</b>	<b>33.1</b>	<b>331</b>			

<LOQ - Results below the Limit of Quantitation

Chuanwen Lu  
Laboratory Director - 6/22/2021

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Lab Sample ID: S1F0186-01

Matrix: Inhalable Hemp Products

Date Sampled: 06/17/21

Source RFID: n/a

Source Batch ID: n/a

Batch Size: n/a

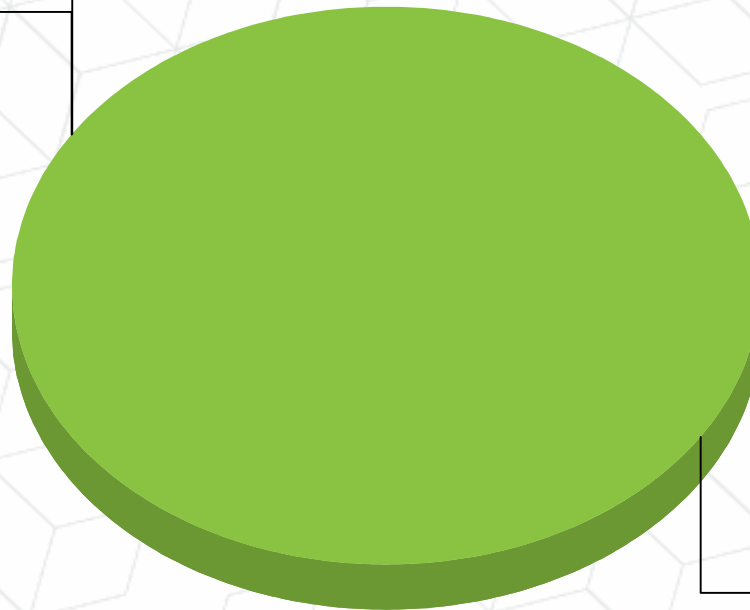
Harvest/Processing Date: n/a

Sample Size: 10 grams

Product Density: n/a

## Terpene Profile

Guaiol  
Caryophyllene Oxide



alpha-Bisabolol

### Percentage of Total Terpenes Identified

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Lab Sample ID: S1F0186-01

Source Batch ID: n/a

Matrix: Inhalable Hemp Products

Batch Size: n/a

Sample Size: 10 grams

Date Sampled: 06/17/21

Date Received: 06/17/21

Harvest/Processing Date: n/a

Product Density: n/a

## Residual Solvent Analysis by GCMS-HS

Date/Time Extracted: 06/17/21 11:59

Analysis Method/SOP: RS-001

Date/Time Analyzed: 06/17/21 18:43

Analyte	Result	Action Level	LOD	LOQ	Units
1,2-Dichloroethane	ND	1	0.10	0.77	ug/g
Acetone	ND	5000	0.10	963.4	ug/g
Acetonitrile	ND	410	0.10	48.17	ug/g
Benzene	ND	1	0.10	0.77	ug/g
Butane	ND	5000	0.10	963.4	ug/g
Chloroform	ND	1	0.10	0.77	ug/g
Ethanol	<LOQ	5000	0.10	963.4	ug/g
Ethyl acetate	ND	5000	0.10	963.4	ug/g
Ethyl ether	ND	5000	0.10	963.4	ug/g
Ethylene oxide	ND	1	0.10	0.77	ug/g
Heptane	<LOQ	5000	0.10	963.4	ug/g
Hexane	ND	290	0.10	48.17	ug/g
Isopropyl Alcohol	ND	5000	0.10	963.4	ug/g
Methanol	ND	3000	0.10	963.4	ug/g
Methylene chloride	ND	1	0.10	0.77	ug/g
Pentane	ND	5000	0.10	963.4	ug/g
Propane	ND	5000	0.10	963.4	ug/g
Toluene	ND	890	0.10	48.17	ug/g
Trichloroethylene	ND	1	0.10	0.77	ug/g
xylene (total)	ND	2170	0.10	48.17	ug/g

ND - Compound not detected

<LOQ - Results below the Limit of Quantitation

Results above the Action Level fail state testing requirements and will be highlighted **Red**.

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Date Received: 06/17/21

Harvest/Processing Date: n/a

Product Density: n/a

## Metals Analysis by ICPMS

Date/Time Extracted: 06/17/21 11:50

Analysis Method/SOP: HM-001

Date/Time Analyzed: 06/17/21 15:19

Analyte	Result	Action Level	LOD	LOQ	Units
Arsenic	<LOQ	0.2	0.0110	0.0500	ug/g
Cadmium	ND	0.2	0.00100	0.0500	ug/g
Lead	<LOQ	0.5	0.00150	0.0500	ug/g
Mercury	ND	0.1	0.00350	0.0100	ug/g

ND - Compound not detected

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