



**Customer:** Black Tie Group  
**Customer Sample ID:** Delta-8 Afghani Hash  
**Laboratory Number:** 20H0096-02



## Cannabinoid Profile

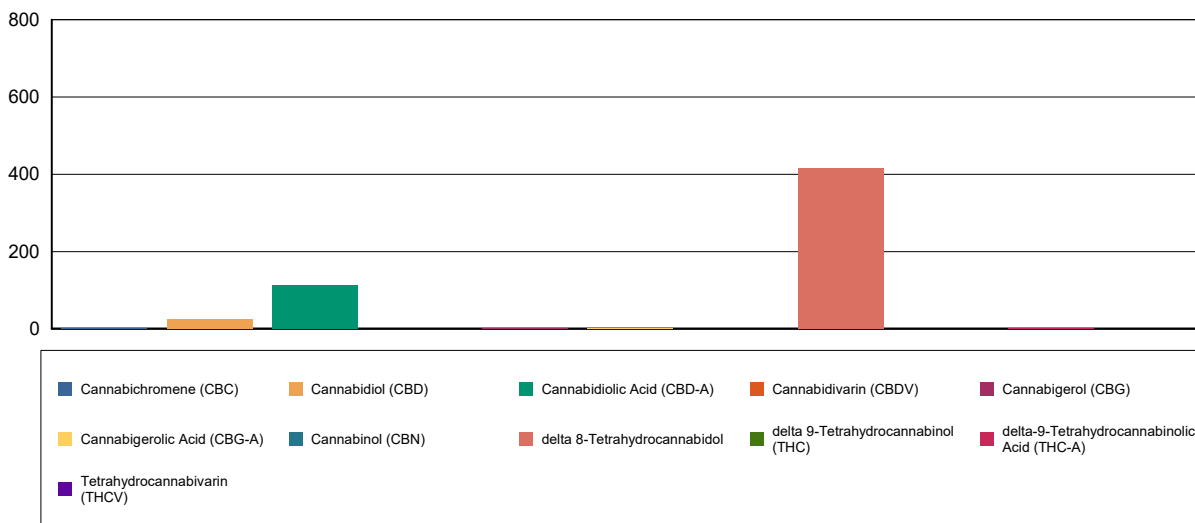
**Extraction Technician:** DF  
**Analytical Chemist:** GB

Extraction Date(s)	Analysis Date(s)
8/10/2020	8/11/2020

Cannabinoids (HPLC)		Results	
	LOD (mg/g)	%	mg/g
Cannabidiol (CBD)	<0.20		
Cannabidiolic Acid (CBD-A)		11.31	113
Cannabigerolic Acid (CBG-A)		0.24	2.38
Cannabigerol (CBG)		0.12	1.21
Cannabidiol (CBD)		2.52	25.2
Tetrahydrocannabivarin (THCV)	<0.20		
Cannabinol (CBN)	<0.20		
delta 9-Tetrahydrocannabinol (THC)	<0.20		
delta 8-Tetrahydrocannabinol		41.52	415
Cannabichromene (CBC)		0.31	3.05
delta-9-Tetrahydrocannabinolic Acid (THC-A)		0.11	1.07
<b>Cannabinoids Total</b>		<b>%</b>	<b>mg/g</b>
Max Active THC		0.09	0.94
Max Active CBD		12.44	124.40
T.Active Cannabinoids		2.95	29.50
Total Cannabinoids		56.10	561.00

Following USDA guidelines on uncertainty, Altitude Consulting's uncertainty are calculated for CBDa and CBD at +/- 4%.  
 The uncertainty for THCa and THC are +/- 5%. This implies the range for a 10% value of CBD to be 9.6-10.4%. The  
 uncertainty range for a 0.30% value of THC would be 0.28-0.32%.

### Cannabinoid (mg/g)



Reporting Limits will vary based on sample extraction weight used for the analysis.

Altitude Consulting, LLC utilizes NIST traceable Reference Standards and Certified Reference Material to calibrate analytical instruments along with proven analytical methods.  
 The methods are applied in the most ethical manner following good laboratory practice guidelines. The results of this report are based solely on the sample submitted and cannot be reproduced.

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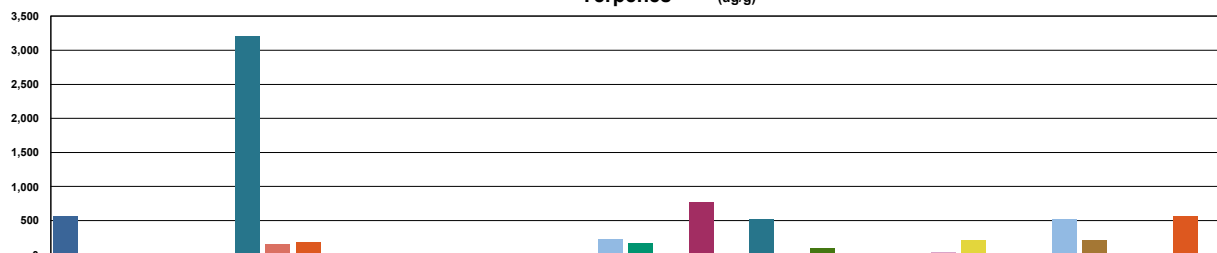
# Terpene Profile

Extraction Technician: DF  
 Analytical Chemist: GB

Extraction Date(s)	Analysis Date(s)
8/10/2020	8/10/2020

Terpene	Results	Terpene	Results
	ug/g		ug/g
alpha-Pinene	562	Isoborneol	
Camphene		Hexahydrothymol	
Sabinene		(+)-Borneol and (-)-Borneol	
beta-Myrcene	3210	alpha-Terpineol	150
beta-Pinene	187	gamma-Terpineol	
p-Mentha-1,5-diene		Nerol	
(1S)-(+)-3-Carene		Geraniol	
alpha-Terpinene		(+)-Pulegone	
Ocimene Peak 1		Geranyl Acetate	
(R) - (+)-Limonene	235	alpha-Cedrene	171
Ocimene Peak 2		trans-Caryophyllene	769
Eucalyptol (1,8-Cineole)		alpha-Humulene	526
gamma-Terpinene		Valencene	86.9
Sabinene Hydrate		cis-Nerolidol	
Terpinolene		trans-Nerolidol	41.9
Linalool	214	Guaiol	
(+)-Fenchone and L(-)-Fenchone		(-)-Caryophyllene Oxide	520
(1R)-Endo-(+)-Fenchyl	203	(+)-Cedrol	
(-)-Isopulegol		(-)-alpha-Bisabolol (Levomenol)	559
Camphor and (1S)-(-)-Camphor			

Terpenes (ug/g)



- alpha-Pinene
- Camphene
- Sabinene
- beta-Myrcene
- beta-Pinene
- beta-Pinene and beta-Myrcene
- p-Mentha-1,5-diene
- (1S)-(+)-3-Carene
- alpha-Terpinene
- Ocimene Peak 1
- (R) - (+)-Limonene
- Ocimene Peak 2
- Eucalyptol (1,8-Cineole)
- gamma-Terpinene
- Sabinene Hydrate
- Terpinolene
- Linalool
- (+)-Fenchone and L(-)-Fenchone
- (1R)-Endo-(+)-Fenchyl
- (-)-Isopulegol
- Camphor and (1S)-(-)-Camphor
- Isoborneol
- Hexahydrothymol
- (+)-Borneol and (-)-Borneol
- alpha-Terpineol
- gamma-Terpineol
- Nerol
- Geraniol
- (+)-Pulegone
- Geranyl Acetate
- alpha-Cedrene
- trans-Caryophyllene
- alpha-Humulene
- Valencene
- cis-Nerolidol
- trans-Nerolidol
- Guaiol
- (-)-Caryophyllene Oxide
- (+)-Cedrol
- (-)-alpha-Bisabolol (Levomenol)

Reporting limit is roughly 40 ug/g depending on amount extracted.

Reporting Limits will vary based on sample extraction weight used for the analysis.

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