



Customer: American Hemp Oil
 Customer Sample ID: 2500mg B-ITU-0040
 Laboratory Number: 20D0178-05
 Servings per Container: 30
 Density: 0.958



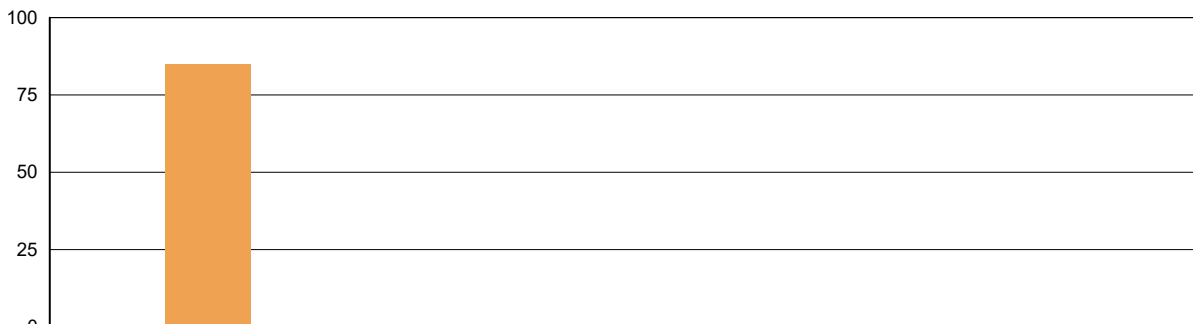
Cannabinoid Profile

Extraction Technician: DF
 Analytical Chemist: CB

Extraction Date(s)	Analysis Date(s)
4/21/2020	4/21/2020

Cannabinoids (HPLC)		Results		
	LOD (mg/mL)	%	mg/mL	mg/bottle
Cannabidiol (CBD)	<0.090	8.48	84.8	2540
Tetrahydrocannabivarin (THCV)	<0.090			
Cannabidiol (CBD)	<0.090			
Cannabidiolic Acid (CBD-A)	<0.090			
Cannabigerolic Acid (CBG-A)	<0.090			
Cannabigerol (CBG)	<0.090			
delta 9-Tetrahydrocannabinol (THC)	<0.090			
delta 8-Tetrahydrocannabinol	<0.090			
Cannabichromene (CBC)	<0.090			
delta-9-Tetrahydrocannabinolic Acid (THC-A)	<0.090			
Cannabinoids Total		%	mg/mL	
Max Active THC		0.00	0.00	
Max Active CBD		8.48	84.80	
T.Active Cannabinoids		8.48	84.80	
Total Cannabinoids		8.48	84.80	
Ratios				
NA:1 CBD to THC		0.00:1 THC to CBD		

Cannabinoid (mg/mL)



■ Cannabichromene (CBC)	■ Cannabidiol (CBD)	■ Cannabidiolic Acid (CBD-A)	■ Cannabidiol (CBD)	■ Cannabigerol (CBG)
■ Cannabigerolic Acid (CBG-A)	■ Cannabinol (CBN)	■ delta 8-Tetrahydrocannabinol	■ delta 9-Tetrahydrocannabinol (THC)	■ delta-9-Tetrahydrocannabinolic Acid (THC-A)
■ Tetrahydrocannabivarin (THCV)				

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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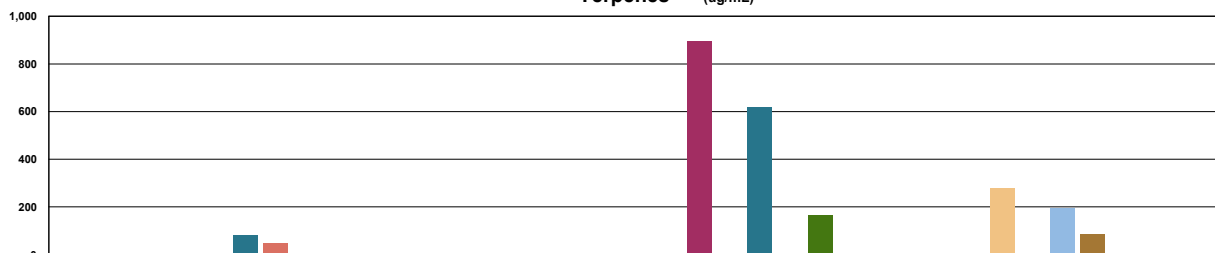
Terpene Profile

Extraction Technician: DF
Analytical Chemist: CB

Extraction Date(s)	Analysis Date(s)
4/21/2020	4/21/2020

Terpene	Results	Terpene	Results
	ug/mL		ug/mL
alpha-Pinene		Isoborneol	
Camphene		Hexahydrothymol	
Sabinene		(+)-Borneol and (-)-Borneol	
beta-Myrcene	80.6	alpha-Terpineol	49.2
beta-Pinene		gamma-Terpineol	
p-Mentha-1,5-diene		Nerol	
(1S)-(+)-3-Carene		Geraniol	
alpha-Terpinene		(+)-Pulegone	
Ocimene Peak 1		Geranyl Acetate	
(R) - (+)-Limonene		alpha-Cedrene	
Ocimene Peak 2		trans-Caryophyllene	894
Eucalyptol (1,8-Cineole)		alpha-Humulene	620
gamma-Terpinene		Valencene	167
Sabinene Hydrate		cis-Nerolidol	
Terpinolene		trans-Nerolidol	
Linalool		Guaiol	277
(+)-Fenchone and L(-)-Fenchone		(-)-Caryophyllene Oxide	197
(1R)-Endo-(+)-Fenchyl	84.0	(+)-Cedrol	
(-)-Isopulegol		(-)-alpha-Bisabolol (Levomenol)	
Camphor and (1S)-(-)-Camphor			

Terpenes (ug/mL)



- 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.

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