Altitude Consulting

Customer: Sun State Hemp

Address:

Sample ID: 101227
Matrix: Tincture
Labnumber: 21B0293-01 **Total mass or volume per unit (g or mL): 30** **Density (g/mL): 0.972**

Cannabinoid Profile

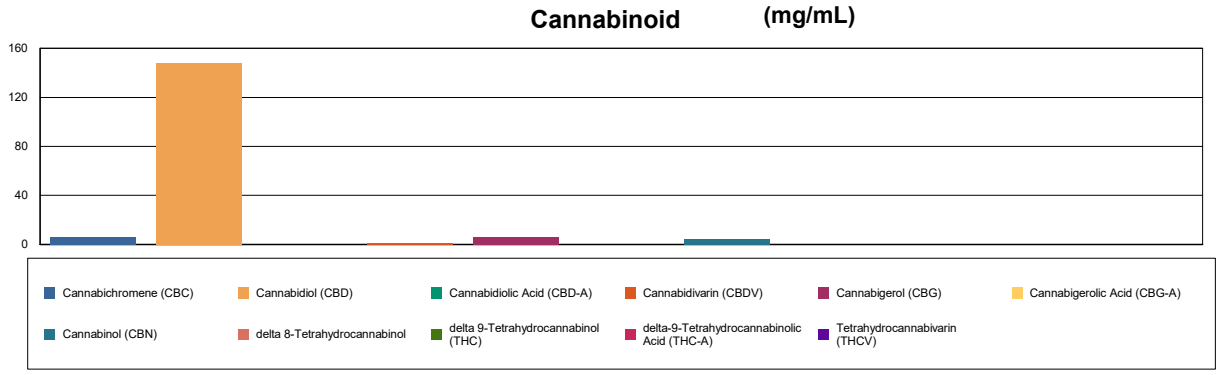
Test Conditions: 18°C
Extraction Technician: SH
Analytical Chemist: SH

Extraction Date(s)	Analysis Date(s)
2/11/2021	2/11/2021

Cannabinoids (HPLC)		Results		
	LOD (mg/mL)	%	mg/mL	mg/bottle
Cannabidivarin (CBDV)		0.14	1.41	42.2
Cannabidiolic Acid (CBD-A)	<0.20			
Cannabigerolic Acid (CBG-A)	<0.20			
Cannabigerol (CBG)		0.60	5.98	179
Cannabidiol (CBD)		14.77	148	4430
Tetrahydrocannabivarin (THCV)	<0.20			
Cannabinol (CBN)		0.44	4.42	132
delta 9-Tetrahydrocannabinol (THC)	<0.20			
delta 8-Tetrahydrocannabinol	<0.20			
Cannabichromene (CBC)		0.62	6.18	185
delta-9-Tetrahydrocannabinolic Acid (THC-A)	<0.20			

Cannabinoids Total	%	mg/mL
Max Active THC	0.00	0.00
Max Active CBD	14.80	148.00
T.Active Cannabinoids	16.40	164.00
Total Cannabinoids	16.60	166.00

Following USDA guidelines on uncertainty, Altitude Consulting's uncertainty is calculated to be +/- 2% for all cannabinoids using a coverage factor of 2 (95% confidence interval). Measurement uncertainty has not been factored into reported values.



Gary Brook - Laboratory Director - 2/12/2021

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. Decision Rule: Measurement uncertainty is not accounted for in the reported values. Results are based solely on calculated numbers. Altitude Consulting makes no Statements of conformity.