



**Customer:** Free World Medicinals  
**Address:** 1125 Collyer St., Longmont, CO  
 80501  
**Sample Name:** Tincture  
**Matrix:** Tincture  
**Lab Number:** 24100048-4

## Cannabinoid Profile

**Test Conditions:** 19°C  
**Extraction Technician:** CB  
**Analytical Chemist:** CB

Extraction Date	Analysis Date
10/10/24	10/11/24

Test Method: Cannabinoid Potency by HPLC		Results		
Compound	LOD (mg/mL)	%	mg/mL	mg/Bottle
Cannabichromene (CBC)	<0.145	0.092	0.917	55.001
Cannabidiol (CBD)	<0.145	1.497	14.968	898.074
Cannabidiolic Acid (CBD-A)	<0.145	0.052	0.523	31.358
Cannabidivarin (CBDV)	<0.145	N.D.	N.D.	N.D.
Cannabigerol (CBG)	<0.145	0.144	1.445	86.691
Cannabigerolic Acid (CBG-A)	<0.145	N.D.	N.D.	N.D.
Cannabinol (CBN)	<0.145	0.039	0.395	23.696
Tetrahydrocannabivarin (THCV)	<0.145	N.D.	N.D.	N.D.
delta 8-Tetrahydrocannabinol	<0.289	N.D.	N.D.	N.D.
delta 9-Tetrahydrocannabinol (THC)	<0.145	0.083	0.834	50.069
delta-9-Tetrahydrocannabinolic Acid (THC-A)	<0.145	N.D.	N.D.	N.D.
<b>Cannabinoids Total</b>		<b>%</b>	<b>mg/mL</b>	
Max Active THC (delta-9-tetrahydrocannabinol)		0.083	0.834	
Max Active Cannabidiol (CBD)		1.543	15.426	
Total Cannabinoids		1.908	19.081	

Following USDA Guidelines on uncertainty, Altitude Consulting's uncertainty is calculated to be +/-5% for all cannabinoids using a coverage factor of 2 (95% confidence interval). Measurement uncertainty has not been factored into reported values. Blank results indicate the compound was below the limit of detection.

<b>Density</b>	1.048g/mL
<b>Total volume per Bottle (mL)</b>	60

*GARY BROOK*

Gary Brook - Laboratory Director - 10/11/24

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. Pesticide, metal, and microbial analyses are subcontracted to ISO 17025 laboratories.