



Marijuana Potency Analysis by  
High Performance Liquid Chromatography

Testing Accreditation #: 4092-005

Test Certificate #: 133486-001

Client Name, Sample Details  
**Seventh Hill CBD**  
Springfield, OR 97477  
Sample: Unwind Oil 1000mg  
Type: Tincture  
Method: FE04U16 HPLC-UV

Test Conditions  
Scale: XS205-OR1  
Temp: 22.4 °C  
Baro Pressure: 31.8 hPa  
Analyst: HRM  
Technician: TMR

Sample ID#: 133486  
Harvest/Process Date: 10/12/2021  
Date Received: 10/12/2021  
Test Date: 10/12/2021



Test Compounds	Δ9-THC	THCA	Δ8-THC	CBD	CBDA	CBG	CBGA	CBN	CBNA	CBC	CBCA	CBL	THCV	THCVA	CBDV	CBDVA	Total Cannabinoids*	Total THC	Total CBD	Calc Max Total Cannabinoids*
Amount (%)	0.12	N/D	0.01	3.61	0.01	0.05	N/D	0.01	N/D	0.20	N/D	0.01	N/D	N/D	0.04	N/D	4.05	0.12	3.61	4.05
Amount (mg/g)	1.15	N/D	0.11	36.09	0.05	0.53	0.01	0.12	N/D	1.98	N/D	0.06	N/D	N/D	0.38	0.01	40.49	1.15	36.13	40.48
Amount per Serving (mg)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	Serving Size~ (g):		N/D
LOQ (mg/g)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1		%Decarb.	THC	CBD
±%RPD	+/-5%	+/-5%	+/-5%	+/-5%	+/-5%	+/-5%	+/-5%	+/-5%	+/-5%	+/-5%	+/-5%	+/-5%	+/-5%	+/-5%	+/-5%	+/-5%		100	100	100

LOQ = Limit of Quantitation; %RPD = Relative Percent Deviation; %RSD = Relative Standard Deviation; N/D = Not Detected

\*Designates values that are not currently included in the accredited scope of Iron Laboratories.

\*\*\* Designates tests that use the method FE-45. FE-45 is performed using AOAC 966.02 and 32.004-32.009. FE-45 has relative expanded (k=2) uncertainties of 1.098% for moisture, 1.754% for water activity for unprocessed plant materials, and 13.102% for water activity for infused products. Vitamin E acetate analysis has a relative expanded (k=2) uncertainty of 18.614%.

Total THC and CBD is the calculated sum of THC or CBD and the amount of THC or CBD derived from THCA or CBDA, respectively. These values are calculated by applying a molar correction factor of 0.877 to the THCA or the CBDA value. Calc Max Total Cannabinoids is the sum of Total THC, Total CBD, CBN, CBG, CBC, THCV, and CBDV.

%Decarb. THC and CBD refer to the percentage of THC or CBD relative to THCA or CBDA, respectively.

This sample has not been tested according to OAR 333-007. These results should therefore be used for research and development or quality control purposes only.

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Himashi Mead, Technical Manager



Terry Rabinowitz, Quality Manager

Iron Labs Oregon complies with 2009 TNI Environmental Laboratory Standards.

Tested by Iron Laboratories Oregon, 71 Centennial Loop Suite D Eugene, OR 97401