



Potency Analysis by  
High Performance Liquid Chromatography

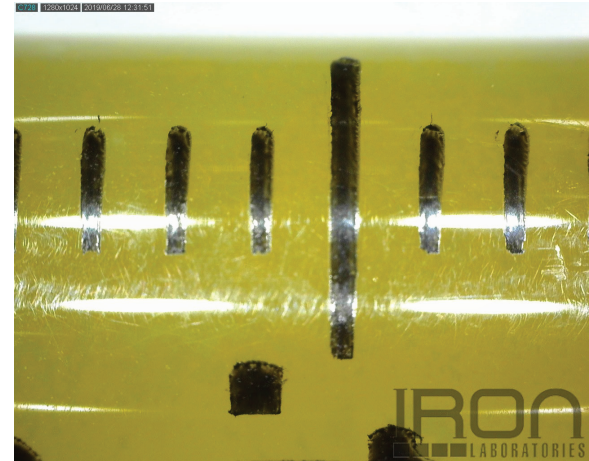
Testing Accreditation #: 4092-002

Test Certificate #: 117655-001

Client Name, Sample Details  
**MHR Brands**  
Jenison, MI 49428  
**Sample:** TN-500-VA-30  
**Type:** Tincture  
**Method:** FE04U HPLC1100-1

Test Conditions  
**Scale:** XS205-OR1  
**Temp:** 21.7 °C  
**Baro Pressure:** 1002 hPa  
**Analyst:** HRM  
**Technician:** EDT

Sample ID#: 117655  
**Lot #:** 061919D  
**Batch #:** 117655  
**Harvest/Process Date:** 06/19/2019  
**Serving Size (g):** 1  
**Date Received:** 06/27/2019  
**Test Date:** 06/24/2019



Test Compounds	THC	THCA	CBD	CBDA	CBN	CBG	CBC	THCV*	CBDV	Total Cannabinoids*	Total THC	Total CBD	Calc Max Total Cannabinoids*
Amount (%)	N/D	N/D	1.36	0.44	N/D	N/D	0.12	N/D	0.16	2.08	0.00	1.74	2.02
Amount (mg/g)	N/D	N/D	13.57	4.37	N/D	N/D	1.21	N/D	1.61	20.76	0.00	17.40	20.22
Amount per Serving (mg)	N/D	N/D	13.57	4.37	N/D	N/D	1.21	N/D	1.61	20.76	Serving Size~ (g):		1.00
LOQ (mg/g)	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02		%Decarb.	THC	CBD
±%RPD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			N/A	0

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.

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 refers 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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Joseph Rutkowski, Quality Manager



Hfmashi Mead, Technical Manager

Iron Labs Oregon complies with 2009 TNI Environmental Laboratory Standards.

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