

Testing Accreditation #: 77802

Test Certificate #: 135715-001

Client Name, Sample Details  
**Truth Wellness**  
 Highland, MI 48356  
**Sample:** 3000mg Tincture  
**Type:** Tincture  
**Method:** FE04U12 HPLC-UV

Test Conditions  
**Prepsheet ID#:** MIP220218A  
**Scale:** XS205-MI2  
**Temp:** 21 °C  
**Baro Pressure:** 971.8 hPa  
**Analyst:** SKM  
**Technician:** SKM

Sample ID#: 135715  
**Harvest/Process Date:** 02/21/2022  
**Serving Size (g):** 0.92  
**Date Received:** 02/21/2022  
**Test Date:** 02/18/2022  
**Valid Through:** 02/19/2023  
**Report Issued:** 02/22/2022



Test Compounds	Δ9-THC	THCA	Δ8-THC	CBD	CBDA	CBG	CBGA	CBN	CBC	CBL	THCV	CBDV	Total Cannabinoids*	Total THC	Total CBD	Calc Max Total Cannabinoids*
Amount (%)	0.2	N/D	N/D	5.0	N/D	0.1	N/D	N/D	0.2	N/D	N/D	N/D	5.5	0.2	5.0	5.5
Amount (mg/g)	1.5	N/D	N/D	49.8	N/D	0.7	N/D	0.4	2.0	N/D	N/D	0.4	54.8	1.5	49.8	54.8
Amount per Serving (mg)	1.38	N/D	N/D	45.816	N/D	0.644	N/D	0.368	1.84	N/D	N/D	0.368	50.4	Serving Size~ (g):		0.9
LOQ (mg/g)	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08		%Decarb.	THC	CBD
±%RPD	4.70%	3.96%	4.60%	4.89%	4.82%	3.89%	4.24%	3.30%	5.25%	7.05%	3.85%	5.47%			100%	100%

Serving size = 1mL = 0.92g.

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 Δ9-THC and Δ8-THC or CBD plus 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, Total CBG, CBC, THCV, CBDV, and CBL.

Total CBG is calculated as CBG plus CBGA\*0.878 (the molar correction factor for CBGA to CBG conversion).

%Decarb. THC and CBD refer to the percentage of Δ9-THC or CBD relative to THCA or CBDA, respectively.

This sample has not undergone random sampling and has not been tested for compliant state, batch representative testing. These results should therefore be used for research and development or quality control purposes only. Results apply to the sample as received.

This certificate shall not be reproduced except in full, without written approval of Iron Laboratories, LLC.

*Katrina Barnes*  
 Katrina Barnes, Lab Manager



*Mac Hyman*  
 Mackenzie E. Hyman, Quality Manager

Iron Laboratories, LLC is an ISO/IEC 17025:2017 Testing Laboratory laboratory accredited by (PJLA) Perry Johnson Laboratory Accreditation, Certificate No. 77802

Tested by Iron Laboratories Michigan, 1825 E. West Maple Walled Lake, MI 48390

Testing Accreditation #: 77802

Test Certificate #: 135715-001

**Client Name, Sample Details**  
**Truth Wellness**  
 Highland, MI 48356  
**Sample:** 3000mg Tincture  
**Type:** Tincture  
**Method:** FE04U12 HPLC-UV

**Test Conditions**  
**Prepsheet ID#:** MIP220218A  
**Scale:** XS205-MI2  
**Temp:** 21 °C  
**Baro Pressure:** 971.8 hPa  
**Analyst:** SKM  
**Technician:** SKM

**Sample ID#:** 135715  
**Harvest/Process Date:** 02/21/2022  
**Serving Size (g):** 0.92  
**Date Received:** 02/21/2022  
**Test Date:** 02/18/2022  
**Valid Through:** 02/19/2023  
**Report Issued:** 02/22/2022



Target Compound Name	Method Blank (µg/g)	LCS Spike (µg/g)	LCS Amount (µg/g)	Percent Recovery (%) LCS	LCS Duplicate Amount (µg/g)	Percent Recovery (%) LCSD	Relative Percent Difference (%)	QC Flag
Δ9-THC	0	5.177244485	5.20329836	100.50	4.964399898	95.89	4.70%	
THCA	0	5.312126952	5.414258376	101.92	5.204120341	97.97	3.96%	
Δ8-THC	0	5.312179801	5.291075266	99.60	5.053283357	95.13	4.60%	
CBD	0	5.270751725	5.39616619	102.38	5.138528771	97.49	4.89%	
CBDA	0	5.499883784	5.545948374	100.84	5.284790968	96.09	4.82%	
CBG	0	5.223822571	5.296421972	101.39	5.094469054	97.52	3.89%	
CBGA	0	5.345087517	5.386341395	100.77	5.162727477	96.59	4.24%	
CBN	0	5.147108742	5.188677803	100.81	5.020347689	97.54	3.30%	
CBC	0	5.244511542	5.307266888	101.20	5.035731157	96.02	5.25%	
CBCA	N/A	N/A	N/A	nan	N/A	nan	0%	
CBL	0	5.351491368	5.37311489	100.40	5.007241492	93.57	7.05%	
THCV	0	5.213296507	5.293297296	101.53	5.093173002	97.70	3.85%	
CBDV	0	5.241536639	5.34100646	101.90	5.056596695	96.47	5.47%	

N.D. = Not Detected

LR = indicates compound recovery of matrix spike was outside the methods acceptable limits. (70-130%) Low recovery should be scrutinized for possible fail as it could indicate more compound present than is detected.

I = indicates that an amount of an interfering compound greater than the methods limit of detection was detected in the method blank sample. May indicate contamination of analytical system or consumables.

Q = indicates that the relative percent difference of two identically prepared Matrix Spike samples for a target analyte was greater than 20%

HR = indicates compound recovery of matrix spike was outside the methods acceptable limits. (70-130%) high recoveries should be scrutinized for passing as more compound may be detected than is actually present in the sample.

This sample has not undergone random sampling and has not been tested for compliant state, batch representative testing. These results should therefore be used for research and development or quality control purposes only. Results apply to the sample as received.

This certificate shall not be reproduced except in full, without written approval of Iron Laboratories, LLC.

*Katrina Barnes*  
 Katrina Barnes, Lab Manager



*Mac Hyman*  
 Mackenzie E. Hyman, Quality Manager

Iron Laboratories, LLC is an ISO/IEC 17025:2017 Testing Laboratory laboratory accredited by (PJLA) Perry Johnson Laboratory Accreditation, Certificate No. 77802

Tested by Iron Laboratories Michigan, 1825 E. West Maple Walled Lake, MI 48390