

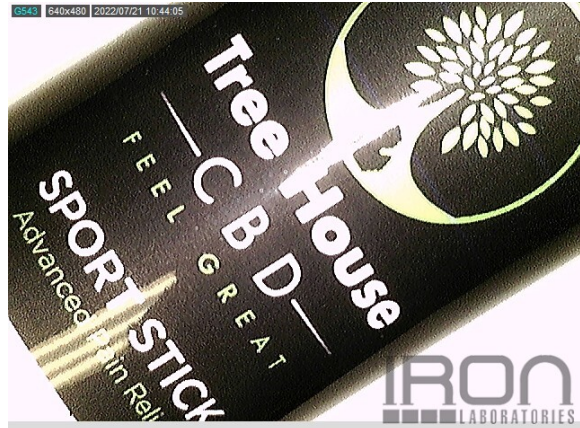
Testing Accreditation #: 77802

Test Certificate #: 137341-001

**Client Name, Sample Details**  
**Truth Wellness**  
 Highland, MI 48356  
**Sample:** Tree House CBD 500MG Sport Stick  
**Type:** Topical  
**Method:** FE04U12 HPLC-UV

**Test Conditions**  
**Prepsheet ID#:** MIP220721A  
**Scale:** XS205-MI2  
**Temp:** 22.4 °C  
**Baro Pressure:** 970.8 hPa  
**Analyst:** SKM  
**Technician:** KEB

**Sample ID#:** 137341  
**Harvest/Process Date:** 07/21/2022  
**Serving Size (g):** 61.46  
**Date Received:** 07/21/2022  
**Test Date:** 07/21/2022  
**Valid Through:** 07/22/2023  
**Report Issued:** 07/22/2022



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 (%)	N/D	N/D	N/D	0.5	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	0.7	0.0	0.5	0.7
Amount (mg/g)	0.4	N/D	N/D	5.4	N/D	0.4	N/D	N/D	0.3	N/D	N/D	N/D	6.5	0.4	5.4	6.5
Amount per Serving (mg)	24.584	N/D	N/D	331.884	N/D	24.584	N/D	N/D	18.438	N/D	N/D	N/D	399.5	Serving Size~ (g):		61.5
LOQ (mg/g)	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09		%Decarb.	THC	CBD
±%RPD	2.39%	1.23%	0.12%	2.07%	0.12%	0.69%	0.14%	2.32%	1.46%	0.82%	3.88%	0.45%			100%	100%

Serving size = 1 sports stick = 61.46g.

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.

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*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

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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	5.276628409	5.264213201	99.76	5.139713069	97.41	2.39%	
THCA	0	5.073214753	5.04401557	99.42	5.106533383	100.66	1.23%	
Δ8-THC	0	5.38938069	5.403280476	100.26	5.40963016	100.38	0.12%	
CBD	0	5.004088974	5.166701139	103.25	5.060971416	101.14	2.07%	
CBDA	0	5.00902329	5.084344469	101.50	5.078207188	101.38	0.12%	
CBG	0	5.388012784	5.467250485	101.47	5.505242847	102.18	0.69%	
CBGA	0	5.078304843	5.173540317	101.88	5.180775034	102.02	0.14%	
CBN	0	5.058948671	5.043544746	99.70	5.161725547	102.03	2.32%	
CBC	0	5.20529618	5.228333473	100.44	5.305080116	101.92	1.46%	
CBCA	N/A	N/A	N/A	nan	N/A	nan	0%	
CBL	0	5.354073579	5.235132978	97.78	5.278356698	98.59	0.82%	
THCV	0	5.225270665	5.281825867	101.08	5.49080581	105.08	3.88%	
CBDV	0	5.070093807	5.242062768	103.39	5.265720842	103.86	0.45%	

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.

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