

Testing Accreditation #: 77802

Test Certificate #: 128992-001

Client Name, Sample Details  
**Truth Wellness**  
 Orchard Lake, MI 48323  
**Sample:** Sport Sticks 500mg  
**Type:** Topical  
**Method:** FE04U HPLC-UV

Test Conditions  
**Prepsheet ID#:** MIP210202  
**Scale:** XS205-MI2  
**Temp:** 20.9 °C  
**Baro Pressure:** 979.1 hPa  
**Analyst:** KEB  
**Technician:** ANJ

Sample ID#: 128992  
**Harvest/Process Date:** 02/02/2021  
**Serving Size (g):** 54.24  
**Date Received:** 02/02/2021  
**Test Date:** 02/02/2021  
**Valid Through:** 02/03/2022  
**Report Issued:** 02/03/2021



Test Compounds	THC	THCA	CBD	CBDA	CBN	CBG*	CBC*	THCV*	CBDV*	Total Cannabinoids*	Total THC	Total CBD	Calc Max Total Cannabinoids*
Amount (%)	0.1	N/D	1.4	N/D	0.0	0.1	0.1	N/D	0.0	1.6	0.1	1.4	1.5
Amount (mg/g)	0.7	N/D	14.1	N/D	0.1	0.7	0.5	N/D	0.2	16.3	0.7	14.1	16.3
Amount per Serving (mg)	38.0	N/D	764.8	N/D	5.4	38.0	27.1	N/D	10.8	884.1	Serving Size~ (g):		54.2
LOQ (mg/g)	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07		%Decarb.	THC	CBD
±%RPD	2.72	3.65	3.12	2.93	2.49	3.01	3.59	3.27	2.06		100%	100%	

Serving size = contents of 1 stick.

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 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
Cannabidivarin (CBDV)	0	5.859852992	6.070443485	103.59	5.946599415	101.48	2.06	
Cannabidiolic Acid (CBDA)	0	5.518173426	5.787371147	104.88	5.620149504	101.85	2.93	
Cannabigerol (CBG)	0	5.788955008	6.146087494	106.17	5.963689513	103.02	3.01	
Cannabidiol (CBD)	0	6.027861777	6.25454998	103.76	6.062217889	100.57	3.12	
Δ9-Tetrahydrocannabivarin (THCV)	0	5.994371048	6.17956076	103.09	5.980976299	99.78	3.27	
Cannabinol (CBN)	0	5.788221378	5.977606294	103.27	5.830762852	100.73	2.49	
Δ9-Tetrahydrocannabinol (THC)	0	6.38275445	6.607052569	103.51	6.430017028	100.74	2.72	
Cannabichromene (CBC)	0	5.737913875	6.141113682	107.03	5.924297814	103.25	3.59	
Tetrahydrocannabinolic acid (THCA)	0	5.510462113	5.932914898	107.67	5.719991227	103.80	3.65	

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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