

Testing Accreditation #: 77802

Test Certificate #: 137366-001

Client Name, Sample Details
Truth Wellness
 Highland, MI 48356
Sample: D9 THC Gummie
Type: Edible
Method: FE04U12 HPLC-UV

Test Conditions
Prepsheet ID#: MIP220727A
Scale: XS205-MI2
Temp: 22.1 °C
Baro Pressure: 976.2 hPa
Analyst: KEB
Technician: KEB

Sample ID#: 137366
Harvest/Process Date: 07/28/2022
Serving Size (g): 4.6
Date Received: 07/28/2022
Test Date: 07/27/2022
Valid Through: 07/28/2023
Report Issued: 07/28/2022



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 (%)	0.1	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	0.2	0.2	0.0	0.2
Amount (mg/g)	1.4	N/D	0.3	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	1.7	1.7	0.0	1.7
Amount per Serving (mg)	6.44	N/D	1.38	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	7.8	Serving Size~ (g):		4.6
LOQ (mg/g)	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07		%Decarb.	THC	CBD
±%RPD	0.50%	1.72%	0.35%	2.92%	0.35%	1.78%	1.41%	2.95%	0.11%	0.73%	1.16%	0.92%			100%	N/A

Serving size = 1 gummy. 2 provided.

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

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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	4.98061839	5.090852906	102.21	5.11613468	102.72	0.50%	
THCA	0	4.923480592	5.072457098	103.03	4.985996171	101.27	1.72%	
Δ8-THC	0	5.294214451	5.405620022	102.10	5.386899334	101.75	0.35%	
CBD	0	4.921281949	4.999784846	101.60	5.148102395	104.61	2.92%	
CBDA	0	4.925950233	5.0613458	102.75	5.078998538	103.11	0.35%	
CBG	0	5.253292563	5.38779482	102.56	5.484619883	104.40	1.78%	
CBGA	0	4.990579813	5.109113936	102.38	5.181514292	103.83	1.41%	
CBN	0	4.906278932	5.182080487	105.62	5.031651155	102.56	2.95%	
CBC	0	5.151846229	5.264158041	102.18	5.270014293	102.29	0.11%	
CBCA	N/A	N/A	N/A	nan	N/A	nan	0%	
CBL	0	5.193865686	5.320093925	102.43	5.281235218	101.68	0.73%	
THCV	0	5.186098166	5.336034824	102.89	5.274309324	101.70	1.16%	
CBDV	0	5.129929709	5.255276219	102.44	5.303612877	103.39	0.92%	

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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