



Certificate ID: **113513 (Reissued)** Received: **2/15/23**

Client Sample ID: **Gut Hero**

Lot Number: **2c42gh**

Matrix: **Capsules/Tablets-Capsule-Powder Based**

Scan QR Code for authenticity



Thrive 1023 dba Soul CBD

700 E. Dayton Road

Ottawa, IL 61350

Authorization: Andrew Aubin, Lab Director	Signature: 	Date: 2/27/2023
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The data contained within this report was collected in accordance with the requirements of ISO/IEC17025:2017. I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

CN: Cannabinoid Profile & Potency [WI-10-17 & WI-10-17-01]

Analyst: **SD**

Test Date: **2/16/2023**

The client sample was analyzed for plant-based cannabinoids by Liquid Chromatography (LC). The collected data was compared to data collected for certified reference standards at known concentrations.

113513-CN

ID	Weight %	Concentration (mg/capsule)			
Δ9-THC	ND	ND			
THCV	ND	ND			
CBD	ND	ND			
CBDV	ND	ND			
CBG	ND	ND			
CBC	ND	ND			
CBN	ND	ND			
THCA	ND	ND			
CBDA	ND	ND			
CBGA	ND	ND			
CBDVA	ND	ND			
Δ8-THC	ND	ND			
exo-THC	ND	ND			
Total	ND	ND	0%	Cannabinoids (wt%)	0.0000%
Max THC	ND	ND		Limit of Quantitation (LOQ) = 0.0146 wt%	
Max CBD	ND	ND		Limit of Detection (LOD) = 0.0049 wt%	

Max THC (and Max CBD) are calculated values for total cannabinoids after heating, assuming complete decarboxylation of the acid to the neutral form. It is calculated based on the weight loss of the acid group during decarboxylation: $MAX\ THC = (0.877 \times THCA) + THC$. This calculation does not include other cannabinoid isomers (eg. D8-THC and exo-THC). ND=None detected above the limits of detection (LOD), which is one third of Limit of Quantification (LOQ). For values reported as "<LOQ", the estimated value is included in the calculated Total.

EA: Elemental Analysis [WI-10-13]

Analyst: ZDV

Test Date: 2/17/2023

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113513-EA

Symbol	Metal	Conc. ¹ (µg/kg)	RL (µg/kg)	Limits ² (µg/kg)	Status
Al	Aluminum	130,000	50	-	
As	Arsenic	ND	50	1,500	PASS
Cd	Cadmium	66.0	50	500	PASS
Ca	Calcium	316,000	500	-	
Cr	Chromium	1,400	50	1,100,000	PASS
Co	Cobalt	83.0	50	5,000	PASS
Cu	Copper	3,470	50	300,000	PASS
Fe	Iron	149,000	50	-	
Pb	Lead	187	50	500	PASS
Mg	Magnesium	332,000	50	-	
Mn	Manganese	29,800	50	-	
Hg	Mercury	ND	50	3,000	PASS
Ni	Nickel	1,040	50	20,000	PASS
P	Phosphorus	707,000	500	-	
K	Potassium	3,610,000	500	-	
Se	Selenium	ND	50	-	
Ag	Silver	ND	50	15,000	PASS
S	Sulfur	274,000	500	-	
Sn	Tin	ND	500	600,000	PASS
Zn	Zinc	13,300	50	-	

1) ND = None detected to the Limit of Detection (LOD)

2) USP recommended maximum daily limits for oral drug product.

MB1: Microbiological Contaminants [WI-10-09]

Analyst: SRD

Test Date: 2/16/2023

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113513-MB1

Symbol	Analysis	Results	Units	Limits*	Status
AC	Total Aerobic Bacterial Count	<100	CFU/g	100,000 CFU/g	PASS
CC	Total Coliform Bacterial Count	<100	CFU/g	1,000 CFU/g	PASS
EB	Total Bile Tolerant Gram Negative Count	<100	CFU/g	1,000 CFU/g	PASS
YM	Total Yeast & Mold	<100	CFU/g	10,000 CFU/g	PASS

Recommended limits established by the American Herbal Pharmacopoeia (AHP) monograph for Cannabis Inflorescence [2013], for consumable botanical products, including processed and unprocessed cannabis materials, and solvent-based extracts. Note: All recorded Microbiological tests are within the established limits.

MB2: Pathogenic Bacterial Contaminants [WI-10-10]

Analyst: AEH

Test Date: 2/17/2023

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113513-MB2

Test ID	Analysis	Results	Units	Limits*	Status
113513-ECPT	E. coli (O157)	Negative	NA	Non Detected	PASS
113513-SPT	Salmonella	Negative	NA	Non Detected	PASS

Note: All recorded pathogenic bacteria tests passed.

PST: Pesticide Analysis [WI-10-11]

Analyst: CJR

Test Date: 2/25/2023

The client sample was analyzed for pesticides using Liquid Chromatography with Mass Spectrometric detection (LC/MS/MS). The method used for sample prep was based on the European method for pesticide analysis (EN 15662).

113513-PST

Analyte	CAS	Result	Units	LLD	Limits (ppb)	Status
Abamectin	71751-41-2	ND	ppb	0.20	300	PASS
Azoxystrobin	131860-33-8	ND	ppb	0.10	40000	PASS
Bifenazate	149877-41-8	ND	ppb	0.10	5000	PASS
Bifenthrin	82657-04-3	ND	ppb	0.20	500	PASS
Cyfluthrin	68359-37-5	ND	ppb	0.50	1000	PASS
Dichlorvos	62-73-7	ND	ppb	3.00	10	PASS
Etoxazole	153233-91-1	ND	ppb	0.10	1500	PASS
Fenoxycarb	72490-01-8	ND	ppb	0.10	10	PASS
Imazalil	35554-44-0	ND	ppb	0.10	10	PASS
Imidacloprid	138261-41-3	ND	ppb	0.10	3000	PASS
Myclobutanil	88671-89-0	ND	ppb	0.10	9000	PASS
Paclobutrazol	76738-62-0	ND	ppb	0.10	10	PASS
Piperonyl butoxide	51-03-6	ND	ppb	0.10	8000	PASS
Pyrethrin	8003-34-7	ND	ppb	0.10	1000	PASS
Spinosad	168316-95-8	ND	ppb	0.10	3000	PASS
Spiromesifen	283594-90-1	ND	ppb	0.10	12000	PASS
Spirotetramat	203313-25-1	ND	ppb	0.10	13000	PASS
Trifloxystrobin	141517-21-7	ND	ppb	0.10	30000	PASS

* Testing limits for inhalation established by the State of California: CCR, Title 4, Division 19, Chapter 6, Article 5, Section 15719. ND indicates "none detected" above the lower limit of detection (LLD). Analytes marked with (*) indicate analytes for which no recovery was observed for a pre-spiked matrix sample.

END OF REPORT