



# CERTIFICATE OF ANALYSIS

**Customer:** Brio Nutrition

**Manufacture Date:** 01/2023

**Product Name:** GUT CAPS (60ct)

**Expiration Date:** 01/2025

**Item#:** 33460

**Lot#:** A104700123

<u>Analysis</u>	<u>Method</u>	<u>Limits</u>	<u>Results</u>
Description	Visual	“00” Enteric clear HPMC capsules	Conforms
Identification	FTIR	NLT 90.0% correlation (sample IR spectrum matches reference standard spectrum)	99.8%
Weight variation	USP <2091>	Each individual weight is within 90%-110% of the average weight	Conforms
Target Weight: (742.3 mg/capsule)	JW Nutritional	The average weight is within 90.0% – 110.0% of the labeled amount (720.0 mg – 764.6 mg)	740.0 mg/capsule
Microbial Limits	USP <2021>/QA SOP06112019 AOAC/QA SOP06112019 USP <2022> /QA SOP06112019 USP <2022> /QA SOP06112019 USP <2022> /QA SOP06112019	Total Plate Count: NMT 10 <sup>4</sup> cfu/g Yeast & Mold: NMT 10 <sup>3</sup> cfu/g E. coli: Absent per 10g Salmonella: Absent per 10g S. aureus: Absent per 10g	<10 cfu/g <20 cfu/g Absent/10g Absent/10g Absent/10g
Heavy Metals	USP <2232> USP <2232> USP <2232> USP <2232>	Arsenic: NMT 10 ppm Cadmium: NMT 4 ppm Lead: NMT 0.5 ppm Mercury: NMT 0.3 ppm	<0.02 ppm 0.064 ppm <0.02 ppm 0.023 ppm
CBD Content	HPLC	NLT 15 mg/capsule	15.63 mg/serving MU: 0.076 mg/g
THC Content	HPLC	<0.3%	<0.3%

(\*) Measurement of Uncertainty (MU) must be reported from third-party cannabinoid potency lab report on HMBO, LLC certificate of analysis.

QC Signature:   
George Granados  
Date: 3/7/2023

QA Signature:   
Richard Napierkowski  
Date: 3/7/2023