



# CERTIFICATE OF ANALYSIS

**Customer:** Brio Nutrition

**Manufacture Date:** 11/2023

**Product Name:** Heat 5000mg Full Spectrum CBD Topical (5 oz-150 mL)

**Expiration Date:** 11/2025

**Item#:** 45185

**Lot#:** A106131123

<u>Analysis</u>	<u>Method</u>	<u>Limits</u>	<u>Results</u>
Description	Organoleptic	Off-white to peach cream with characteristic aroma	Peach cream with characteristic aroma
Identification	FTIR	NLT 90.0% correlation (sample IR spectrum matches reference standard spectrum)	99.7%
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/mL Yeast & Mold: NMT 10 <sup>3</sup> cfu/mL E. coli: Absent in 10mL Salmonella: Absent in 10mL S. aureus: Absent in 10mL	<10,000 cfu/mL <1,000 cfu/mL Absent in 10mL Absent in 10mL Absent in 10mL
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	<0.01 ppm <0.001 ppm <0.01 ppm <0.005 ppm
CBD Content*	HPLC	NLT 5,000 mg/unit	5,681 mg/unit
THC Content*	HPLC	<0.3%	<0.3% MU: 0.13 mg/g

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

QC Signature:   
Jeff Hatley  
Date: 12/29/23

QA Signature:   
Richard Napierkowski  
Date: 12/29/2023