

DATE: **08/14/2025**

**CERTIFICATE OF ANALYSIS**

Product: **METABOLIC FORMULA VEGGIE CAPS**  
Product code : **20180**  
Prepared For: **BLOKES**

Lot No: **2506056**  
Serving Size : **3 Caps**  
Manufacture Date: **06/2025**

**PHYSICAL CHARACTERISTICS**

| <u>TEST</u>            | <u>SPECIFICATION</u>              | <u>RESULT</u>           | <u>METHOD</u>   |
|------------------------|-----------------------------------|-------------------------|-----------------|
| Average Capsule Weight | 770 mg - 851 mg                   | 814mg                   | Balance Reading |
| Capsule Size           | "00"                              | "00"                    | Organoleptic    |
| Disintegration         | ≤ 30 Min                          | 11 Mins                 | USP <2040>      |
| Capsule Color          | Natural/Natural                   | Natural/Natural         | Organoleptic    |
| Capsule Type           | Hypromellose                      | Hypromellose            | Chemical Test   |
| Blend Color            | Yellow to Yellowish Green w/spots | Yellowish Green w/spots | Organoleptic    |

**AMOUNT PER SERVING**

**INGREDIENT**

| <u>INGREDIENT</u>                 | <u>SPECIFICATION</u> | <u>RESULT</u> | <u>METHOD</u> |
|-----------------------------------|----------------------|---------------|---------------|
| Chromium (As Chromium Picolinate) | 200mcg - 340mcg      | 266.13mcg     | ICP-OES       |
| Berberine HCl Root Extract)       | 500mg - 700mg        | 525mg         | PPCS‡         |
| Ceylon Cinnamon Bark Extract 30:1 | 250mg - 262.5mg      | 250mg         | PPCS‡         |
| Alpha Lipoic Acid                 | 300mg - 375mg        | 320.7mg       | HPLC          |
| Green Tea Leaf Extract 50% EGCG   | 300mg - 420mg        | 315mg         | PPCS‡         |
| L-Theanine                        | 200mg - 250mg        | 218.31mg      | HPLC          |
| Coenzyme Q10 (Ubiquinone)         | 100mg - 125mg        | 119.94mg      | HPLC          |
| Ginger Root Extract 5% Gingerols  | 150mg - 210mg        | 157.5mg       | PPCS‡         |

**CONTAMINANTS**

**MICROBIOLOGICAL**

| <u>MICROBIOLOGICAL</u>     | <u>SPECIFICATION</u>   | <u>RESULT</u> | <u>METHOD</u> |
|----------------------------|------------------------|---------------|---------------|
| Total Aerobic Plate Count  | <10 <sup>4</sup> cfu/g | 500 cfu/g     | USP<61>       |
| Total Yeast and Mold (Y&M) | <10 <sup>3</sup> cfu/g | <10 cfu/g     | USP<61>       |
| Enterobacteriaceae         | <10 <sup>2</sup> cfu/g | <10 cfu/g     | USP<62>       |
| Salmonella spp.            | Absent                 | Absent        | USP<62>       |
| E. Coli                    | Absent                 | Absent        | USP<62>       |
| Staphylococcus aureus      | Absent                 | Absent        | USP<62>       |
| Pseudomonas aeruginosa     | Absent                 | Absent        | USP<62>       |

**HEAVY METALS:**

| <u>HEAVY METALS:</u> | <u>SPECIFICATION</u> | <u>RESULT</u> | <u>METHOD</u> |
|----------------------|----------------------|---------------|---------------|
| Mercury (2µg/day)    | ≤ 0.8658 ppm         | 0.0073 ppm    | ICP/MS        |
| Lead (8.8µg/day)     | ≤ 3.8095 ppm         | 0.4360 ppm    | ICP/MS        |
| Arsenic (10µg/day)   | ≤ 4.3290 ppm         | 0.0181 ppm    | ICP/MS        |
| Cadmium (4.1µg/day)  | ≤ 1.7749 ppm         | 0.0447 ppm    | ICP/MS        |



**QUALITY CONTROL**  
**BACTOLAC PHARMACEUTICAL, INC.**

‡In accordance with 21 CFR § 111.75 (c) or (d) ingredient is exempt from testing. Result is substantiated through component testing and/or examination; in-process testing, examination, and/or monitoring; and other aspects of the established Production and Process Control System (PPCS).