

## **CERTIFICATE OF ANALYSIS**

Product: Moringa Leaf Powder

Botanical Name/INCI: Moringa Oleifera

Lot No: BPCMLP082023

Cas no. 93165-54-9

Best Before: August, 2026

Origin: India

| <b>SPECIFICATION</b> | RESULT   | TEST  |
|----------------------|--|---|
| Powder               | Powder   | Visual  |
| Positive             | Conform  | HPTLC   |
| Green                | Green  | Visual  |
| Characteristic       | Characteristic   | Organoleptic  |
| Bitter               | Mild Bitter  | Olfactory   |
| 10.0% Max            | 8.18%  | USP   |
| ≤15ppm               | <10ppm   | AAS   |
| ≤3.0ppm              | 0.667ppm   |   |
| ≤2.0ppm              | 0.160ppm   |   |
| ≤2.0ppm              | 0.0156ppm  |   |
| <2.0ppm              | 0.0120ppm  |   |
| -                    | ND   | AgraStrip G12   |
| Through 40 mesh      | 90%  | USS Sieving   |
|                      | Powder Positive Green Characteristic Bitter 10.0% Max ≤15ppm ≤3.0ppm ≤2.0ppm ≤2.0ppm ≤2.0ppm | Powder         Powder           Positive         Conform           Green         Green           Characteristic         Characteristic           Bitter         Mild Bitter           10.0% Max         8.18%           ≤15ppm         <10ppm |

## MICROBIOLOGICAL

| Total Plate Count | ≤500,000cfu/g | 19,300cfu/g   | FDA BAM 8 <sup>th</sup> |
|-------------------|---------------|---------------|-------------------------|
| Yeast             | ≤10,000cfu/g  | 10cfu/g       | FDA BAM 8 <sup>th</sup> |
| Mold              | ≤10,000cfu/g  | 10cfu/g       | FDA BAM 8 <sup>th</sup> |
| Coliforms         | ≤500cfu/g     | 40cfu/g       | FDA BAM 8th             |
| E. coli           | Absent/10g    | Absent/10g    | USP <2022>              |
| Salmonella        | Negative/25g  | Negative /25g | FDA BAM 8 <sup>th</sup> |

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