

BaseBulk

CERTIFICATE OF ANALYSIS

| | |
|-------------------------|------------------------------------|
| Product Name | Probiotics Powder |
| Product Type | Lactiplantibacillus plantarum Lp05 |
| Batch Number | WK25F2146 |
| Manufacture Date | Mar 15, 2025 |
| Expiry Date | Mar 14, 2028 |
| Report Date | Jun 07, 2025 |

Sensory Indexes

| Analysis Item | Specification | Result |
|----------------------|--|---|
| Color | With proper color of the product | Light yellow |
| Taste & Odor | Inherent fermentation odor of the product; no abnormal taste or odor | Inherent fermentation odor of the product; no abnormal odor |
| Aspect | Powder to granular; no caking | Powder; no caking |
| Impurities | No visible foreign body | No foreign body |

Physicochemical Indexes

| Analysis Item | Specification | Result |
|----------------------|----------------------|---------------|
| Moisture (%) | ≤ 5.0 | 2.37 |
| Water activity (aw) | ≤ 0.12 | 0.047 |
| Lead (Pb) (mg/kg) | < 0.5 | Conforms |

| | | |
|----------------------|-------|----------|
| Arsenic (As) (mg/kg) | < 0.5 | Conforms |
| Cadmium (Cd) (mg/kg) | < 1 | Conforms |
| Mercury (Hg) (mg/kg) | < 0.1 | Conforms |

Microbiological Indexes

| Analysis Item | Specification | Result |
|-----------------------|---------------------------|----------------------|
| Viable cell (CFU/g) | $\geq 1.0 \times 10^{11}$ | 1.6×10^{11} |
| Non LAB Count (CFU/g) | ≤ 5000 | < 100 |

| | | |
|---------------------------------|-----------|------------------|
| Yeast & Mold (CFU/g) | ≤ 50 | < 10 |
| Coliform (CFU/g) | < 10 | < 10 |
| Escherichia coli (in 25 g) | Negative | Negative in 25 g |
| Salmonella (in 25 g) | Negative | Negative in 25 g |
| Staphylococcus aureus (in 25 g) | Negative | Negative in 25 g |
| Shigella (in 25 g) | Negative | Negative in 25 g |