

# BaseBulk

## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	Probiotics Powder
<b>Product Type</b>	Lactobacillus acidophilus LA85
<b>Batch Number</b>	WK25PZ523
<b>Manufacture Date</b>	Apr 10, 2025
<b>Expiry Date</b>	Apr 09, 2028
<b>Report Date</b>	Jun 21, 2025

### Sensory Indexes

Analysis Item	Specification	Result
Color	With proper color of the product	Light yellow
Taste & Odor	Inherent fermentation odor; no abnormal taste or odor	Inherent fermentation odor; 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 (%)	$\leq 5.0$	2.57
Water activity (aw)	$\leq 0.12$	0.055
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)	$\geq 1.5 \times 10^{11}$	$2.1 \times 10^{11}$
Non LAB Count (CFU/g)	$\leq 5000$	$< 100$
Yeast & Mold (CFU/g)	$\leq 50$	$< 10$

Coliform (CFU/g)	< 10	< 10
Escherichia coli (in 25 g)	Negative	Negative
Salmonella (in 25 g)	Negative	Negative
Staphylococcus aureus (in 25 g)	Negative	Negative
Shigella (in 25 g)	Negative	Negative

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