

# BaseBulk

## CERTIFICATE OF ANALYSIS

Product Name	Lactobacillus lactis
Latin Name	Lactococcus lactis
Batch Number	120027250805
Specification	100B CFU/g ( $\geq 1.0 \times 10^{11}$ CFU/g)
Manufacture Date	Aug.05,2025
Expire Date	Aug.04,2027

### Physical & Chemical Data

Item	Specification	Result
Color	Light yellow	Conforms
Taste & Odor	Inherent fermentation odor; no abnormal taste/odor	Conforms
Aspect	Powder to granular; no caking	Powder; no caking
Impurities	No visible foreign body	No foreign body
Moisture (%)	$\leq 5.0\%$	2.80%
Water activity (aw)	$\leq 0.12$ aw	$< 0.100$ aw

### Assay

Item	Specification	Result
Viable cell (CFU/g)	$\geq 1.0 \times 10^{11}$ CFU/g	$1.3 \times 10^{11}$ CFU/g

### Heavy Metals

Item	Specification	Result
Lead (Pb, ppm)	$< 0.5$ ppm	Conforms
Arsenic (As, ppm)	$< 0.5$ ppm	Conforms
Cadmium (Cd, ppm)	$< 1.0$ ppm	Conforms
Mercury (Hg, ppm)	$< 0.1$ ppm	Conforms

### Microbiological Tests

Item	Specification	Result
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Non LAB Count (CFU/g)	≤5,000 CFU/g	<100 CFU/g
Yeast & Mold (CFU/g)	≤50 CFU/g	<10 CFU/g
Coliform (CFU/g)	<10 CFU/g	<10 CFU/g
Escherichia coli	Negative in 25 g	Negative in 25 g
Salmonella	Negative in 25 g	Negative in 25 g
Staphylococcus aureus	Negative in 25 g	Negative in 25 g
Shigella	Negative in 25 g	Negative in 25 g

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