

BaseBulk

CERTIFICATE OF ANALYSIS

Product Name	Probiotics Powder
Product Type	Bifidobacterium bifidum BBi32
Batch Number	WK24L2006
Manufacture Date	Dec 01, 2024
Report Date	Dec 06, 2024
Expiry Date	Nov 30, 2027

Sensory Indexes

Analysis Item	Specification	Result
Color	With proper color of the product	Light yellow
Taste and Odor	Inherent fermentation odor; no abnormal taste/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 (%)	≤ 5.0	2.54
Water activity (aw)	≤ 0.12	0.059
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)	$\geq 1.0 \times 10^{11}$	1.3×10^{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