

BaseBulk

CERTIFICATE OF ANALYSIS

Product Name	Probiotics Powder
Product Type	Streptococcus salivarius subsp. thermophilus ST81
Batch Number	WK25D2141
Manufacture Date	Apr 09, 2025
Expiry Date	Apr 08, 2028
Report Date	Apr 14, 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 (%)	≤ 5.0	2.01
Water activity (aw)	≤ 0.12	0.041
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

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