

BaseBulk

CERTIFICATE OF ANALYSIS

Product Name	Probiotics Powder
Product Type	Lacticaseibacillus rhamnosus LRa05
Batch Number	WK25F2156
Manufacture Date	Mar 25, 2025
Expiry Date	Mar 24, 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; 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	2.11
Water activity (aw)	≤ 0.12	0.062

Heavy Metals

Analysis Item	Specification	Result
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	≥ 1.0×10 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, CFU/g	Negative in 25 g	Negative in 25 g
Salmonella, CFU/g	Negative in 25 g	Negative in 25 g
Staphylococcus aureus, CFU/g	Negative in 25 g	Negative in 25 g
Shigella, CFU/g	Negative in 25 g	Negative in 25 g