



Certificate of Analysis

Product name	Probiotics powder	Product type	<i>Akkermansia muciniphila</i> AH39®
Batch No	HG250721009	Net weight per bag	1 kg
Total N.W.	1 kg	Packaging	Sealed aluminum foil bag
Mfg date	21 Jul 2025		

Item	Specification	Result	Test method
Physical Control			
Appearance	Off-white powder	Conforms	QB/T 4575
Moisture	≤ 5.0%	3.60	GB 5009.3
Water Activity (aw)	≤ 0.15%	0.09	GB 5009.238
Chemical Control			
Lead (Pb)	≤ 1.0 ppm	0.03 ppm	GB 5009.12
Arsenic (As)	≤ 0.5 ppm	0.10 ppm	GB 5009.11
Cadmium (Cd)	≤ 0.06 ppm	0.01 ppm	GB 5009.15
Mercury (Hg)	≤ 0.02 ppm	0.01 ppm	GB 5009.17
Active Ingredient			
Cell count	≥ 1.0 × 10 ¹¹ AFU/g	1.5 × 10 ¹¹ AFU/g	ISO 19344 IDF232
Microbiological Control			
Aerobic mesophilic total count	≤ 500 CFU/g	<10 CFU/g	ISO 4833-1
Sulfite-reducing anaerobes	≤ 50 CFU/g	<10 CFU/g	ISO 15213
Coagulase + Staphylococci	≤ 10 CFU/g	<10 CFU/g	ISO 6888-2
Enterobacteriaceae	≤ 10 CFU/g	<10 CFU/g	ISO 21528-2
Bacillus cereus	≤ 100 CFU/g	<10 CFU/g	ISO 7932
Yeast & Mold	≤ 10 CFU/g	<10 CFU/g	GB 4789.15
Listeria spp.	Negative in 25 g	Negative in 25 g	ISO 11290-1
Salmonella spp.	Negative in 25 g	Negative in 25 g	ISO 6579-1
Escherichia coli	Negative in 1 g	Negative in 1 g	ISO 16649-1

Note	* Third-party type testing
Conclusion	Conform to the standards.
Storage	Keep in sealed package at -18°C or below.

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