

CERTIFICATE OF ANALYSIS

Probiotics Powder

Field	Value
Product Name	Probiotics Powder
Product Type	Akkermansia muciniphila Akk11
Product Specification	50B AFU/g
Batch Number	WK26B2630
Manufacture Date	Feb 27, 2026
Expiry date	Feb 26, 2028
Sample Status	Solid, seal
Date of receipts	Feb 27, 2026
Test Date	Feb 27, 2026
Report Date	Mar 04, 2026

Sensory indexes

Test Item	Unit	Test Standard	Test Result	Test Method	Individual Judge
Color	-	With proper color of the product	Light yellow	WK-STP-RD-P S122	Conforms
Taste and Odor	-	Inherent fermentation odor of the product, no abnormal taste, no abnormal odor	Conforms	WK-STP-RD-P S122	Conforms
Aspect	-	Powder to granular, no caking	Conforms	WK-STP-RD-P S122	Conforms
Impurities	-	No visible foreign body	Conforms	WK-STP-RD-P S122	Conforms

Physicochemical indexes

Test Item	Unit	Test Standard	Test Result	Test Method	Individual Judge
Moisture	g/100g	≤7.0	2.83	GB 5009.3-2016 I	Conforms
Water activity	-	≤0.12	0.05	ISO 18787-2017	Conforms
(Pb) Lead	mg/kg	≤0.5	Conforms	GB 5009.12-2023 II	Conforms
(As) Arsenic	mg/kg	≤0.5	Conforms	GB 5009.11-2024 II	Conforms
(Cd) Cadmium	mg/kg	≤1.0	Conforms	GB 5009.15-2023 II	Conforms
(Hg) Mercury	mg/kg	≤0.1	Conforms	GB 5009.17-2021 III	Conforms

Microbiological indexes

Test Item	Unit	Test Standard	Test Result	Test Method	Individual Judge
Viable cell	AFU/g	≥5.0×10 ¹⁰	7.6×10 ¹⁰	WK-SOP-QC-TM006	Conforms
Molds and yeasts	CFU/g	≤50	<10	GB 4789.15-2016 I	Conforms
Coliform	CFU/g	<10	<10	GB 4789.3-2025 II	Conforms
Aerobic plate count	CFU/g	≤5000	<10	GB 4789.2-2022	Conforms
Escherichia coli	CFU/g	<10	<10	GB 4789.38-2025 II	Conforms

Salmonella	/25g	Negative in 25g	Negative in 25g	GB 4789.4-2024	Conforms
Staphylococcus aureus	/25g	Negative in 25g	Negative in 25g	GB 4789.10-2016 I	Conforms
Shigella	/25g	Negative in 25g	Negative in 25g	GB 4789.5-2012	Conforms

Base Bulk