

Specification

Product Name	Natto Extract Powder, N-20000	Nattokinase Activity	≥20,000 FU/g
Date Issued	Jan. 1, 2025	Manufacturer	Sungen Bioscience Co., Ltd.

Test Item	Specification	Test Method
Appearance	Light brown powder; characteristic natto odor	Visual / Organoleptic
Nattokinase Activity	≥20,000 FU	UV
Identification	Positive	SDS-PAGE
Molecular Weight	27-30 kDa	SDS-PAGE
Loss on Drying	≤7.0%	EP/USP
Ash	≤6.0%	EP/USP
pH	5.5-6.5	EP/USP
Total Plate Count	≤1,000 cfu/g	EP/USP
Yeast & Molds	≤25 cfu/g	EP/USP
Lead (Pb)	≤0.1 mg/kg	ICP-MS
Arsenic (As)	≤0.1 mg/kg	ICP-MS
Mercury (Hg)	≤0.05 mg/kg	ICP-MS
Cadmium (Cd)	≤0.1 mg/kg	ICP-MS
Aflatoxin (B1+B2+G1+G2)	≤5 ug/kg	HPLC-F
E. coli	Negative	EP/USP
Salmonella	Negative	EP/USP
Staphylococcus	Negative	EP/USP

Testing frequency: Appearance through Yeast & Molds are measured on every lot. Heavy metals, aflatoxin, E. coli, Salmonella and Staphylococcus are measured annually.

Ingredients	
Compound	Content (%)
Soy protein powder	40-46%
Resistant dextrin	22-28%
Microcrystalline cellulose	22-28%
Natto extract powder (≥20,000 FU)	6-12%

Packing and Storage	
Packing	1 kg or 5 kg, sealed in an aluminum foil bag.
Storage	Keep sealed in a cool, dry place at 10-20 C and 45%-65% relative humidity. Avoid direct sunlight.
Shelf Life	24 months under the stated storage conditions.