



NEWAY SINOPHC TECH. LIMITED

ADD:RM. 204, BUILDING 3, NO. 188, AONA RD., CHINA (SHANGHAI) PILOT FREE TRADE ZONE.
Email:marketing01@newayphc.com; Phone:+86-021-50350029 <https://www.newayphc.com>

Certificate of Analysis

Product Name: White Kidney Bean Extract

Product Information

Product Number WBE-20260205
Batch Number WBE-SH2026020501
Brand SIGALD
CAS Number 85085-22-9
MDL Number N/A (Natural plant extract)
Formula Phaseolus vulgaris L. Seed Extract (α-Amylase Inhibitor)
Formula Weight Variable (10000-50000 Da, protein complex)
Quality Release Date 05 FEB 2026

Test Results

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	Off-white to light yellow	Off-white	-	Visual Inspection
Appearance (Form)	Fine powder	Free-flowing fine powder	-	Visual Inspection
α-Amylase Inhibitor Activity	≥ 20,000 U/g	22,800 U/g	U/g	Colorimetric Method
Loss on Drying	≤ 5.0%	2.5%	%	Gravimetry (105°C, 2h)
Total Ash	≤ 5.0%	2.2%	%	550°C Ignition Method
pH Value (1% aq. solution, 25°C)	5.5-7.5	6.3	-	Digital pH Meter
Heavy Metals (Pb)	≤ 5 ppm	0.7 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤ 1 ppm	0.1 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Total Aerobic Microorganisms	≤ 1000 CFU/g	120 CFU/g	CFU/g	Plate Count Method
E. coli	Negative	Negative	-	Microbiological Detection
Salmonella	Negative	Negative	-	Microbiological Detection
Particle Size (Pass through)	≥95% 80 mesh	98%	-	Sieve Analysis
Protein Content	≥ 30.0%	33.5%	%	Kjeldahl Method
Supplier Information	Confirmed	Confirmed	-	-
Registered Trademark	Confirmed	Confirmed	-	-

Certification

This batch of product has been tested in accordance with industrial standards for natural plant extracts and meets all specified requirements. It is qualified for use in health care products, food additives and dietary supplements.

Issue Date:05 FEB 2026