



Address: East of Tianmu Road, Laiyang Development Zone, Yantai City, Shandong Province, 265200, China

## Certificate of Analysis

Product Name: SoyaGlow™ Bio-active Soy Isoflavones	Origin: China
Production Date: January 31,2024	Batch No.: S20240131
Expiry Date: January 30,2026	Batch Size: 300kg

Test Item	Specification	Result	Test Method
Appearance	Brown powder	Conforms	Visual
Odor	Characteristic	Conforms	Organoleptic
Bulk Density	45~62g/100ml	Conforms	USP <616>
Particle Size	100% pass 80 mesh	Conforms	Mesh screen or equivalent
Moisture	≤ 5.0%	1.72%	GB/T 5009
Ash Content	≤ 5.0%	2.15%	GB/T 5009
Total isoflavones	≥80.00%	86.52%	HPLC
Daidzin		2.25%	HPLC
Glycitin		0.64%	HPLC
Genistin		0.23%	HPLC
Daidzein		50.32%	HPLC
Glycitein		25.72%	HPLC
Genistein		7.54%	HPLC
<b>Heavy Metal</b>			
Heavy Metal	≤10 ppm	Conforms	ICP-MS
Lead (Pb)	≤2 ppm	Conforms	ICP-MS
Arsenic(As)	≤1 ppm	Conforms	ICP-MS
Cadmium (Cd)	≤1 ppm	Conforms	ICP-MS
Mercury (Hg)	≤0.1 ppm	Conforms	ICP-MS
<b>Microbiological Tests</b>			
Total Microbial Count	≤1000CFU/g	Conforms	AOAC 990.12
Mold and Yeast	≤100CFU/g	Conforms	AOAC 997.02
<i>E. Coli.</i>	Negative/10g	Conforms	AOAC 991.14
<i>Salmonella</i>	Negative/10g	Conforms	AOAC 998.09
Conclusion	Comply with Required Standards.		
Packing	Pack in paper-drums and two plastic bags inside. Net weight: 25kg/drum		
Shelf Life	24 months if store under the conditions above and stay in original packaging.		
Storage	Keep in cool and dry place.		

QC Manager: Yanxia Li

Analyst: Fan Sun

