

CERTIFICATE OF ANALYSIS

Product Name:	Soybean Isoflavones 40%		
Latin Name:	<i>Glycine max</i>		
Plant Part:	Germs	Manu Date:	Dec. 10, 2019
Batch Number:	NF-20191210	Expiration Date:	Dec. 09, 2021
Quantity:	100kg	Report Date:	Dec. 13, 2019
Storage Condition:	Store in a well-closed and dry place with constant room temperature and Non-direct sunlight		

Item	Standard	Test Result
Assay(HPLC)		
Total Isoflavones	≥40.0%	41.14%
Daidzin		26.18%
Glycitin		11.19%
Genistin		3.06%
Daidzein		0.44%
Glycitein		0.17%
Genistein		0.10%
Organoleptic		
Appearance	Fine Powder	Conforms
Color	Light Yellow	Conforms
Odor	Characteristic	Conforms
Taste	Characteristic	Conforms
Physical Characteristics		
Particle Size	100%Through 80 mesh	Conforms
Loss on Drying	≤5.0%	2.78%
Residue on ignition	≤5.0%	3.21%
Bulk Density	35-65g/100ml	49g/100ml
Tapped Density	55-95g/100ml	83g/100ml
Heavy metals		
Total Heavy Metals	≤10.0ppm	Conforms
Lead(Pb)	≤3.0ppm	Conforms
Arsenic(As)	≤1.0ppm	Conforms
Mercury(Hg)	≤0.1ppm	Conforms
Cadmium(Cd)	≤1.0ppm	Conforms
Microbiological Tests		
Total plate Count	≤1000cfu/g	Conforms
Yeast & Mold	≤100cfu/g	Conforms
E.Coli.	Negative	Conforms
Salmonella	Negative	Conforms
Staphylococcus	Negative	Conforms
Conclusion	Conforms to the In-house standard	
Tested by:	Lijun Dou	Approved by: Jicheng Niu

