

CERTIFICATE OF ANALYSIS

Product Name	Soy Isoflavones	Part used	soybeanmeal, bean germ
Batch Number	YOUTH-20240502	Report Date	2024.05.07
MFG. Date	2024.05.02	Expiration Date	2026.05.01
Solvent Used	75% Ethanol and 25% Water		

NATURE OF TEST	QUALITY STANDARD	Test Result
CHARACTER	Light yellow to yellow powder	Accord with
Solubility	Soluble in alcohol	Accord with
IDENTIFICATION		
Sodium Amalgam Reaction	A red color develops	Positive Reaction
- Magnesium Acetate Reaction	A brown color develops	Positive Reaction
TEST		
Solvent residual	≤ 10ppm	Accord with
Mesh Size	100% pass through 80 mesh	Accord with
Bulk Density	0.45g~0.62g/cm ³	Accord with
Loss on Drying	≤ 5% 3g/105c/2hrs	Accord with
Ash	≤ 5% 2g/525c/3hrs	Accord with
Lead(Pb)	≤ 3.0 ppm Atomic absorption	Accord with
Arsenic(As)	≤ 1.0 ppm	Accord with
Mercury(Hg)	≤ 0.1 ppm	Accord with
Cadmium(Cd)	≤ 1.0 ppm	Accord with
Heavy Metals (as Pb)	≤ 10 ppm	Accord with
Aflatoxin (B1)	≤ 0.2 ppb	Accord with
CONTENT ASSAY (HPLC)		
Total Isoflavones		40.99%
Daidzin		1.33%

Glycitin		0.92%
Genistin		0.45%
Daidzein		37.78%
Glycitein		0.35%
Genistein		0.16%
MICROBIOLOGICAL TEST		
Total Plate Count	≤ 1000 CFU/ g	< 1×100 CFU/ g
Yeast & Mould	≤80CFU / g	< 10CFU / g
Salmonella	Negative /g	Negative/g
E. Coli	Negative /g	Negative/g

Storage: Store in tightly sealed in cool, dry and ventilated area,

QC MANAGER: Feng Li

ANALYST: Guo Shan

