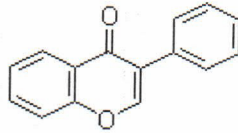


Soybean Isoflavones 80%

Batch no NSIG250302
Mf date Mar 02 2025
Retest Mar 01 2027

Molecular Structure



Molecular Formula C₁₅H₁₀O₂
Molecular Weight 222.24
CAS Registry Number 574-12-9
Plant part used Soybean Germs
Botanical source Soy (Glycine max)
Extraction solvent Ethanol/Water
Extraction ratio 100:1
GMO & Irradiation Free

Mar 25 2025

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Off-white powder	Conforms
Identification	TLC	Positive
Odor & taste	Characteristic	Conforms
Loss on drying	≤ 5.0%	2.96%
Sulfated ash	≤ 5.0%	2.75%
Heavy metals	≤ 10 ppm	< 10 ppm
Arsenic (As)	≤ 1 ppm	< 1 ppm
Lead (Pb)	≤ 3 ppm	< 3 ppm
Cadmium (Cd)	≤ 1 ppm	< 1 ppm
Mercury (Hg)	≤ 0.1 ppm	< 0.1 ppm
Microbiology tests	Total plate count ≤ 1000 cfu/gr	Conforms
	Mould & yeast ≤ 100 cfu/gr	Conforms
	E. coli Negative	Negative
	Salmonella Negative	Negative
	Staphylococcus Negative	Negative
Particle size	100% through 120 mesh	Conforms
Bulk density	20 ~ 50 gr/100 mL	27 gr/100 mL
Tapped density	40 ~ 80 gr/100 mL	64 gr/100 mL
Total isoflavones (HPLC)	≥ 80.0%	80.43%
Daidzin		49.69%
Glycitin		15.81%
Genistin		13.70%
Daidzein		0.79%
Glycitein		0.33%
Genistein		0.11%
Packaging & storage	Keep container unopened in cool, dry place	
Conclusion	Material complies with in-house standard	