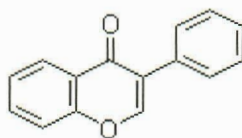




Molecular Structure



Molecular Formula	C ₁₅ H ₁₀ O ₂
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

Aug 24 2026

Tests	Specifications	Results
Appearance	Off-white powder	Conforms
Identification	TLC	Positive
Odor & taste	Characteristic	Conforms
Loss on drying	≤ 5.0%	2.78%
Sulfated ash	≤ 5.0%	2.13%
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%	81.40%
Daidzin		49.52%
Glycitin		20.48%
Genistin		9.93%
Daidzein		0.92%
Glycitein		0.47%
Genistein		0.08%
Packaging & storage	Keep container unopened in cool, dry place	
Conclusion	Material complies with in-house standard	

