



SPECIFICATION

Created Date 2024.7.12 Review Date 2024.7.12 Review By: Grace Version No:01

Product name: Free Aglycones Soy isoflavones 40%			
Botanical Name	Glycine max (L.) Merr.	Part	Germ
Origin	China	CAS number	574-12-9
Solvent Used	Water & Ethanol		
Item	Standard		Analysis Method
Appearance	Shallow Yellow Powder		Visual
Odor & Taste	Characteristic		Organoleptic
Typical Analysis			
Total Isoflavones	≥40.0%		HPLC
Daidzin	Test Only		HPLC
Glycitin	Test Only		HPLC
Genistin	Test Only		HPLC
Daidzein	Test Only		HPLC
Glycitein	Test Only		HPLC
Genistein	Test Only		HPLC
Mesh Size	NLT 95% pass through 80 mesh		80 Mesh Screen
Loss on drying	≤5.0%		GB5009.3
Sulphated	≤5.0%		GB5009.4
Heavy Metals			
Heavy metals	≤ 10ppm		ICP-MS
Arsenic (As)	≤ 1.0ppm		ICP-MS
Lead (Pb)	≤ 3.0ppm		ICP-MS
Cadmium (Cd)	≤ 1.0ppm		ICP-MS
Mercury (Hg)	≤ 0.1ppm		ICP-MS
Microorganism			
Total Plate Count	≤1000cfu/g		GB4789.2
Yeast and Mold	≤100cfu/g		GB4789.15
Escherichia Coli	Negative/10g		GB4789.38
Salmonella	Negative /25g		GB4789.4
Package	Packed In 25kgs/Drum		
Shelf life	2 Years When Properly Stored		
Storage	Store in a well-closed, light-resistant and protect from moisture.		