

Specification of Soy Isoflavones

Product: Soy Isoflavones 40% Isoflavones (HPLC)+24% Genistein (HPLC)

Source: Glycine max (L.) Merr seeds

Package: 25KG/Carton

Type: Food Grade

ITEMS	SPECIFICATION	METHOD	TEST RESULTS
Physical&Chemical Data			
Color	Light Yellow	Organoleptic	Conform
Odour	Characteristic	Organoleptic	Conform
Appearance	Fine Powder	Organoleptic	Conform
Analytical Quality			
Identification	Identical to R.S. sample	HPTLC	Identical
Isoflavones	≥40.0%	HPLC	41.26%
Genistein	≥24.0%	HPLC	24.79%
Sieve analysis	100 % through 80 mesh	Eur.Ph. <2.9.12>	Conform
Loss on Drying	≤5.0 %	Eur.Ph. <2.8.17>	3.48%
Total Ash	≤10.0 %	Eur.Ph. <2.4.16>	2.40%
Bulk density	40~60 g/100mL	Eur.Ph. <2.9.34>	41 g/100mL
Contaminants			
Lead (Pb)	≤3.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	0.0203mg/kg
Arsenic (As)	≤2.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	0.0453mg/kg
Cadmium (Cd)	≤1.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	<0.01 mg/kg
Mercury (Hg)	≤0.1 mg/kg	Eur.Ph. <2.2.58>ICP-MS	<0.01 mg/kg
Solvents Residue	Meet Eur.Ph. <2.4.24>	Eur.Ph. <2.4.24>	Conform
Pesticides Residue	Meet Eur.Ph. <2.8.13>	Eur.Ph. <2.8.13>	Conform
Microbiological			
Total Plate Count	≤10000 cfu/g	Eur.Ph. <2.6.12>	20 cfu/g
Yeast & Mold	≤1000 cfu/g	Eur.Ph. <2.6.12>	15 cfu/g
E.Coli.	Negative	Eur.Ph. <2.6.13>	Conform
Salmonella	Negative	Eur.Ph. <2.6.13>	Conform
General Status			
Non-Irradiation	≤700	EN <13751:2002>	329

Shelf Life: 24months

Storage: Store in a well-closed container Away from moisture, light, oxygen.