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SPECIFICATION SHEET

Soy Isoflavones 80%-E

Specification No.:

SP-SIF-NSIG-204

Weaving time:

06-Jun-2020

Description:

Product name:	Soy Isoflavones 80%-E	Extraction ratio:	100:1
Botanical source:	Soy (<i>Glycine max (L.) Merr. </i>)	Shelf Life:	2 Years
Plant part used:	Germ		
Extraction solvent:	Ethanol / Water		
Declarations:	Non Irradiation, Non-GMO, Allergen free (Gluten free), Melamine free (<2.5PPM) and Natural.		
Regulations status:	Mycotoxins: Aflatoxins B1 <5ppb, Aflatoxins B1+B2+G1+G2 <10ppb, Ochratoxins A <10ppb. PAH4<50ppb. Benzopyrene <2ppb. Eto <0.05PPM. PA <400ppb. Pesticides residues: Conform to Regulation (EC) nã396/2005, European Pharmacopoeia.		

	Specifications	Test Method
Organoleptic quality:		
Appearance	Off-White powder	Visual
Odor & Taste	Characteristic	Visual & taste
Analytical quality:		
Particle size	100%Through 80 mesh	USP<786>
Bulk density	20-50g/100ml	USP<616>
Loss on drying	≤5.0%	GB 5009.3
Sulphated	≤5.0%	GB 5009.4
Total Isoflavones	≥80.0%	HPLC
Daidzin	≥45.0%	HPLC
Glycitin	≥10.0%	HPLC
Genistin	≥5.0%	HPLC
Daidzein+ Glycitein+ Genistein	≤3.0%	HPLC
Solvents residue	≤5000ppm	CP 2020 0861
Methanol	≤10ppm	CP 2020 0861
Heavy metals quality:		
Heavy metals	≤10ppm	GB 5009.74
Arsenic (AS)	≤1ppm	GB 5009.11
Lead (Pb)	≤3ppm	GB 5009.12
Cadmium (Cd)	≤1ppm	GB 5009.15
Mercury (Hg)	≤0.1ppm	GB 5009.17
Microbiological quality:		
Total plate count	≤1000cfu/g	GB 4789.2
Yeast & Mold	≤100cfu/g	GB 4789.15
Coliforms	≤10cfu/g	GB 4789.3



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E.Coli	Negative	GB 4789.38
Salmonella	Negative	GB 4789.4

Storage: Keep container unopened in cool, dry place.