



The eye of the earth , The source of health.

## SPECIFICATION SHEET

### Soy Isoflavones 40%-E

Specification No.:

SP-SIF-NSIG-102

Weaving time:

06-Jun-2020

#### Description:

<b>Product name:</b>	Soy Isoflavones 40%-E	<b>Extraction ratio:</b>	50:1
<b>Botanical source:</b>	Soy ( <i>Glycine max (L.) Merr. </i> )	<b>Shelf Life:</b>	2 Years
<b>Plant part used:</b>	Germ		
<b>Extraction solvent:</b>	Ethanol / Water		
<b>Declarations:</b>	Non Irradiation, Non-GMO, Allergen free (Gluten free), Melamine free (<2.5PPM) and Natural.		
<b>Regulations status:</b>	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
<b>Organoleptic quality:</b>		
<b>Appearance</b>	Light Yellow powder	Visual
<b>Odor &amp; Taste</b>	Characteristic	Visual & taste
<b>Analytical quality:</b>		
<b>Particle size</b>	100%Through 80 mesh	USP<786>
<b>Bulk density</b>	35-65g/100ml	USP<616>
<b>Loss on drying</b>	≤5.0%	GB 5009.3
<b>Sulphated</b>	≤5.0%	GB 5009.4
<b>Total Isoflavones</b>	≥40.0%	HPLC
<b>Daidzin</b>	≥20.0%	HPLC
<b>Glycitin</b>	≥8.0%	HPLC
<b>Genistin</b>	≥2.0%	HPLC
<b>Daidzein+ Glycitein+ Genistein</b>	≤3.0%	HPLC
<b>Solvents residue</b>	≤5000ppm	CP 2020 0861
<b>Methanol</b>	≤10ppm	CP 2020 0861
<b>Heavy metals quality:</b>		
<b>Heavy metals</b>	≤10ppm	GB 5009.74
<b>Arsenic (AS)</b>	≤1ppm	GB 5009.11
<b>Lead (Pb)</b>	≤3ppm	GB 5009.12
<b>Cadmium (Cd)</b>	≤1ppm	GB 5009.15
<b>Mercury (Hg)</b>	≤0.1ppm	GB 5009.17
<b>Microbiological quality:</b>		
<b>Total plate count</b>	≤1000cfu/g	GB 4789.2
<b>Yeast &amp; Mold</b>	≤100cfu/g	GB 4789.15
<b>Coliforms</b>	≤10cfu/g	GB 4789.3



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<b>E.Coli</b>	Negative	GB 4789.38
<b>Salmonella</b>	Negative	GB 4789.4

**Storage:** Keep container unopened in cool, dry place.