

## SPECIFICATION SHEET

### Soy Isoflavones 40%-P

**Specification No.:**

SP-SIF-SI-107

**Weaving time:**

06-Jun-2020

#### Description:

<b>Product name:</b>	Soy Isoflavones 40%-P		
<b>Botanical source:</b>	Soy ( <i>Glycine max (L.) Merr. </i> )		
<b>Plant part used:</b>	Germ	<b>Extraction ratio:</b>	200:1
<b>Extraction solvent:</b>	Ethanol / Water	<b>Shelf Life:</b>	2 Years
<b>Declarations:</b>	Non Irradiation, Non-GMO, Allergen free (Gluten free), Melamine free (<2.5PPM)		

	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>	38.2-51.8g/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>Daidzein</b>	≥5%	HPLC
<b>Genisetin</b>	≥25%	HPLC
<b>Solvents residue</b>	≤5000ppm	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
<b>E.Coli</b>	Negative	GB 4789.38
<b>Salmonella</b>	Negative	GB 4789.4
<b>Storage:</b>	Keep container unopened in cool, dry place.	