

Vitavonoide® F-40A Non GMO
(Soya Aglycone Isoflavons)**Names:**

Chemical name: As Glycosides: Daidzin C₂₁H₂₀O₉ / Glycitin C₂₂H₂₂O₁₀ / Genistin C₂₁H₂₀O₁₀

In free form: Daidzein 4', 7- dihydroxyIsoflavon.
Glycitein 4', 7- dihydroxy-6-methoxyIsoflavon
Genistein 4', 5, 7- trihydroxyIsoflavon

Identification:

In compliance with the FDA's current Good Manufacturing Practices (cGMP) food regulations.

Standards:

Produced under ISO 9001 standards.

Molecular weight:	Daidzin	416
	Glycitin	446
	Genistin	432

Appearance: Light Ochre fine powder

Taste: Slightly bitter flavour

Odour: Slight odour

Total Isoflavons content: 40 % minimum

Typical composition %:	Daidzin	0 - 4
	Glycitin	0 - 3
	Genistin	0 - 2
	Daidzein	8 - 15
	Glycitein	0 - 2
	Genistein	20 - 35

Particle Size: 90 % passing US 100 mesh (150 microns)

Bulk density: 52-62 g/100ml

Loss on drying: ≤5%

Heavy metals (total): Method based on current USP

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Microbiological tests (cfu/g): (EP, RD 3177/83)	<i>E. Coli:</i>	None/g
	<i>Salmonella:</i>	None/10 g
	<i>Lysteria Monocytogenes:</i>	None/10 g
	<i>Shigella:</i>	None/10 g
	<i>Clostridium Perfringens:</i>	None/g
	<i>Staphylococcus Aureus:</i>	None/g
	<i>Enterobacteriaceae:</i>	max 100/g
	<i>Total Aerobic Count:</i>	max 1000/g
	<i>Yeast & Moulds:</i>	max 100/g

Irradiation: This product has not been irradiated

Storage:

“Vitavonoide® F-40 A Non GMO” should be stored in closed packs at ambient temperature and dry conditions.

Shelf Life:

24 months.

Packaging:

25 kg containers are supplied for this product.

Uses:

“Vitavonoide® F-40 A Non GMO” is a powdered extract of soybeans (Glycine max.).

Other information:

All orders and samples requested will be sent together with an Analysis Certificate. Material Safety data Sheet is available upon request.

Contact us through our Fax: +34 925 851021; Tel: +34 925 851013; e-mail: quality@vitaenaturals.com or through our web-site at: www.vitaenaturals.com and your request will be attended by our local representative.

All information contained here is intended to be accurate. Anyway, this document is provided for your guidance only. We recommend testing the product for your particular purpose, prior to be used in the industrial process.