

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

Chemical name: As Glycosides: Daidzin C<sub>21</sub>H<sub>20</sub>O<sub>9</sub> / Glycitin C<sub>22</sub>H<sub>22</sub>O<sub>10</sub> / Genistin C<sub>21</sub>H<sub>20</sub>O<sub>10</sub>

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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<b>Microbiological tests (cfu/g):</b> (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 &amp; 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](mailto:quality@vitaenaturals.com) or through our web-site at: [www.vitaenaturals.com](http://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.**