

Vitavonoide® F-40G Non GMO
(Soya Meal Isoflavons)**Names:**

Chemical name: As Glycosides: Daidzin $C_{21}H_{20}O_9$ / Glycitin $C_{22}H_{22}O_{10}$ / Genistin $C_{21}H_{20}O_{10}$

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. Non GMO, is produced from identity preserved, not genetically modified soy bean varieties.

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	8 - 18
	Glycitin	0 - 8
	Genistin	18 - 29
	Daidzein	0 - 3
	Glycitein	0 - 2
	Genistein	0 - 2

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

Bulk density: 52-62 g/100ml

Loss on drying: ≤5%

Nutritional energy: 390 kcal/100g

Last revision: 14.12.11. (Issue 13)

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Heavy metals (total):	Method based on current USP.
Aflatoxins:	B1+B2+G1+G2 < 4 ppb
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
Protein (N x 6.25):	7-12 %
pH:	5.0-6.0
Ash:	4 %
Fat:	max. 1%
Moisture:	max. 7%
Residual solvents:	Method based on current USP
Irradiation:	This product has not been irradiated
Storage:	
“Vitavonoide® F-40 G (soya meal) 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.	

Vitavonoide® F-40G Non GMO
(Soya Meal Isoflavons)**Uses:**

“Vitavonoide n® F-40 G (soya meal) Non GMO” is a powdered extract of soy beans (Glycine max.), rich in the two important Isoflavones genistin and daidzin. It is carefully extracted to ensure that the ratios of the various Isoflavones are available as they would be found in soy beans themselves and soy foods. The aglycone and glycoside forms are also maintained in their approximate natural proportions.

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.