

VDF Soy Products™

Fermented Soy Isoflavones and Soy Powders

Product	Description	Product Number
Isoflavones™ 10%	10% Soy Isoflavones	N36
Isoflavones™ 20%	20% Soy Isoflavones	N37
Isoflavones™ 40%	40% Soy Isoflavones	N38
Isoflavones™ 17%	Soy Saponins	N154
SoyTrim™	Oat Beta Glucan Soy Protein	N164
Soylac	Fermented Whole Soy Powder	E88
Accelera™	Soy Sprout Concentrate	S27

An Overview of FutureCeuticals

FutureCeuticals is a subsidiary of Van Drunen Farms, Inc., one of the largest freeze-dried, drum-dried, and IQF (individually quick frozen) ingredients processors in the world. VDF has been in the growing and processing business for 100 years, and is one of the largest organic farms in the Midwestern United States. Van Drunen Farms is certified by QAI – Quality Assurance International, signifying that all products are grown to the highest organic standards. Our mission is to provide health-enhancing solutions to the food and dietary supplement industries. Our strategy is to develop scientifically validated, proprietary, functional ingredients for license to food and dietary supplement companies, and to develop commercialization through corporate alliances.



Nutraceuticals from Van Drunen Farms

Midwest Office

819 North Dixie Highway
Mokenca, IL 60954
1.888.452.6853

West Coast Office

2460 West 3rd Street, Suite 240
Santa Rosa, CA 95401
1.707.575.9358

VDF Soy Products™

Fermented Soy Isoflavones
and Soy Powders

THE
JOY
OF
SOY

VDF SOY PRODUCTS OFFER ADVANTAGES

A Brief Description of Isoflavones

Soy isoflavones are a crucial component of the soybean, and are primarily comprised of genistein, daidzein, and glycitein. These molecules in the raw bean exist primarily as glucose conjugates or glycones. Genistein is an aglycone that results from the enzymatic cleavage of genistin, daidzein is an aglycone that results from the removal of glucose from daidzin. The aglycone form of isoflavones are absorbed much more completely and quickly, and are the most effective form of the isoflavone molecule.

Health Benefits of Soy Isoflavones

In traditional Asian fermented soy foods, the fermentation process converts glycone forms of isoflavones into the aglycone form. Research has shown that Oriental women, who consume much more of these fermented soy isoflavones than other populations, have a greatly reduced instance of breast cancer than their Western counterparts. Thus, there is great interest in the function of fermented soybeans in preventing cancer, not only of the breast, but also cancers of the prostate, colon, lung, skin, and blood. Intake of soy isoflavones has also been found to be supportive of bone health by inhibiting the loss of minerals.

FutureCeuticals Fermented Soy Isoflavones

Soy isoflavones from FutureCeuticals are 90% aglycone form due to the special process used to convert our soy products. This means that nearly 100% of the available isoflavones, and their health benefits, are available for absorption into the human body.

FutureCeuticals' Fermented Soy Isoflavones are "free-form" isoflavones, which are absorbed into the body only as aglycones. Glucoside form isoflavones must be converted into the aglycone form in the intestines before they can be absorbed.

Fermented Aglycone Soy Isoflavones from VDF FutureCeuticals are standardized to deliver the most active and biologically available form of soy isoflavones on the market today. Well suited for powdered, ready-to-mix supplements as well as nutritional bars, beverages and capsules, Fermented Aglycone Soy Isoflavones provide an economical way to improve the nutritional quality of your products.

Organic GMO-Free Soy

The soybeans used in the FutureCeuticals fermentation process are organic and GMO-free.

Blends and Pricing

FutureCeuticals Soy Isoflavones are available in a standard 1.3:1 ratio (Genistein/Daidzein). Standard products have a total isoflavone level of 10%, 20% or 40%.



SoyTrim™ offers heart-healthy beta glucans

Created and patented by the Agriculture Research Service of the USDA as a food form and dietary fat substitute, SoyTrim™ qualifies as a heart-healthy supplement. It is made from co-processed soy and oat, qualifying it for FDA healthy food label claims. SoyTrim is 100% natural and contains a high concentration of beta glucans, along with soy protein, which are both known to lower LDL (bad) cholesterol.

SoyTrim, originally invented by George Inglett, Ph.D., as a way to make oat bran more widely available in food products is now produced and marketed by VDF FutureCeuticals. The FDA recognizes that both oat bran and soy protein contribute to heart-healthy foods – you have to get 3 g of beta glucan a day to meet that requirement or 25 gms of soy protein – with SoyTrim you get both.

Oat bran and soy protein are typically difficult to formulate into food products such as juices, smoothies and diet drinks. Soy Trim, as a hydrocolloid however, is ideal for these applications and puts both oat beta glucans and soy protein into a form that is easy to formulate.

SoyLac™ aids digestive system

SoyLac™ fermented soy powder is a value added alternative to raw soy powders.

It is comprised of cooked organic soy bean that is fermented (predigested) by the best of the probiotic bacteria: *L. acidophilus*, *L. bulgaricus*, *L. casei*, *L. plantarum* and *S. thermophilus*.

Beneficial bacteria used in fermentation yield healthy cell wall contents and metabolites that promote optimal immune function and intestinal health. The fermentation of soy improves the digestibility of the soy protein. Isoflavone bioavailability is enhanced by the bacteria in the small intestine due to its conversion to more absorbable forms.

Accelera™ provides hypoglycemic effects

Accelera™ soy sprout powder offers its own unique attributes. It is made starting with our organic soybeans, which are carefully sprouted and blanched during our proprietary blanching process for optimal sprout freshness. After flash freezing, they are then carefully freeze-dried and ground into a fine powder. The novel hypoglycemic effects of Accelera (and its affordability) make it very attractive for inclusion in blood sugar maintenance products.

FutureCeuticals' Soy Isoflavones are the highest quality isoflavones on the market today.

