

Nutriline-Solanesol

TOBACCO LEAF EXTRACT

POWERFUL HEALING AGENT AT CELL LEVEL

Nutriline-Solanesol is pure and concentrated solanesol extracted from tobacco leaves by Novo's SCFE extraction process. A rich source of healthful phytonutrients, Solanesol is a powerful healing agent at cell level. Novo's SCFE extraction process gives Nutriline-Solanesol the edge with longer shelf life as well as increased bioavailability to the user, making Nutriline-Solanesol highly effective even in low doses. Nutriline-Solanesol is available in capsule and powder form.

Melting Point	Purity HPLC
33-34 C	90 - 97%

Health benefits

Nutriline-Solanesol is used in synthesis of high-value biochemicals such as vitamin K analogues and Co-enzyme Q10 (Co Q10), a popular nutrient known to increase cellular energy in the user. A potentiating agent, solanesol, when introduced into the structure of some medicines, increases their effects noticeably. With solanesol as the primary agent, Co-enzyme Q10 is useful in treatment of,

- ▶ Cancer.
- ▶ Cardiac health.
- ▶ Ulcers.

Solanesol supplementation is useful in treatment of cancers, as starting material for Co Q10 (which has been known to reduce size and number of tumors). Solanesol, used in synthesis of Co Q10, helps improve cardiovascular health. Solanesol can be used as main co-enzyme against cardiac insufficiency, muscular dystrophy and anaemia. Recent scientific evidence suggests that nicotine and nicotine-like compounds may slow or ameliorate the symptoms of certain diseases like Tourette's syndrome, Alzheimer's disease, Parkinson's disease, ulcerative colitis and attention deficit disorder (ADD).

Solanesol's Partners in Maintaining Your Good Health

Co-enzyme Q10 is a physiologically active substance with high pharmaceutical activity. It is a popular nutrient known to increase cellular energy in the user. Since it is produced by the body, it is technically not a vitamin. CoQ10 is produced in small quantities by the body that are insufficient to provide any of the health benefits and thus supplementation is necessary. CoQ10 is either manufactured by fermentation using a special strain of yeast or by partial fermentation and then synthesis using solanesol. Vitamin K is best known for its role in helping blood clot properly, and in preventing excessive bleeding. It also plays an important role in bone health (osteoporosis). Vitamin K has also been known to prevent kidney stones, may stop liver cancer growth, helps control body, fecal, and urinary odor and to treat skin wounds.

Novo's SCFE Process for Superior Product

Nutriline-Solanesol is produced at Novo's 1000 tpa Super Critical Fluid Extraction (SCFE) plant in India. The SCFE process is widely regarded as the best process for extraction for the following reasons.

- ▶ It extracts Solanesol such that it remains intact and at its highest level of concentration and purity.
- ▶ Concentrated extract is exclusively composed of the raw material ingredients and can be used in low dosage.
- ▶ Concentrated extracts can be easily assimilated by the human body.
- ▶ The process is gentle on active ingredients since extraction is at high pressure and low temperature and creates no environmental hazards.
- ▶ The extraction agent, CO_2 , is GRAS certified, non-toxic, non-flammable and acceptable for use in food and beverages.
- ▶ CO_2 is free of bacterial content and microbiological activities.



For enquiries please contact our representative at:

Novo Agritech Ltd, 93 A, Shangri-La, Sagar Society, Banjara Hills,
Hyderabad - 500 034 Andhra Pradesh INDIA Ph: ++91-40-2354 3701,
Fax: ++91-40-2354 3702 Email: info@novoagri.com Website: www.novoagri.com



NOVO
agritech limited