## Annatto-E<sup>™</sup> GG

Unique compounds to support healthy aging, energy generation and cardiometabolic health\*

Annatto-E<sup>™</sup> GG combines tocotrienols and geranylgeraniol, two powerful ingredients that support healthy aging, cellular energy generation and maintenance of muscle and bone mass during the aging process.\*

## Annatto-sourced Tocotrienols and Geranylgeraniol

The annatto tree, native to Latin America, is the source for the tocotrienols and geranylgeraniol in this product. (Annatto seeds are used as a natural coloring in bright red-orange foods, and annatto is known as "the lipstick tree" because of this bold pigment.)

**Tocotrienols (T3)** are components of the vitamin E complex that have distinct biochemical properties not observed with the more commonly known tocopherol fractions, which are used in most commercial supplements. Annatto is the richest known source of naturally occurring T3 and is virtually free of tocopherols, containing nearly 100% T3. Tocotrienols have shown impressive effects in supporting cardiovascular health, including supporting healthy cholesterol and triglyceride levels and promoting a healthy inflammatory response. Owing to their positive influence on lipids (fats in the blood), T3 may

## Annatto-E<sup>™</sup> GG may help support:\*

- Cardiovascular health and a healthy lipid profile
- Insulin sensitivity and normal glycemic control
- Skin, bone, and eye health
- A healthy inflammatory response
- Antioxidant status
- Healthy liver function
- Maintenance of healthy muscles and bones during aging
- Mitochondrial function and cellular energy generation
- Hormone synthesis
- Proper cell membrane construction

be beneficial for those with a buildup of fat in the liver, as well as those who need help maintaining normal blood sugar and insulin levels.\* New research also suggests tocotrienols may be useful for supporting strong, healthy bones.\*

**Geranylgeraniol (GG)** is found in annatto as well as flaxseeds, sunflower and olive oils and some medicinal herbs. It is also synthesized internally in humans but this production declines naturally during aging and may not always be adequate to support the body's needs. Additionally, synthesis of GG is inhibited by use of certain pharmaceutical drugs commonly prescribed for the aging population (such as those used to treat high cholesterol and osteoporosis), so supplementation may be beneficial for these individuals.

GG is needed for constructing cell membranes, producing energy in mitochondria, supporting the production of hormones (such as testosterone), proper calcium trafficking (depositing calcium in the bones and teeth and keeping it out of other tissues, such as blood vessels and joints), and more.\* A natural loss of muscle mass and bone density is common in older individuals and has significant negative impacts on mobility, independence and overall quality of life.\* Even though GG isn't an amino acid (the building blocks for proteins), it is needed for protein synthesis and modification—helping to build proteins and have them perform their functions efficiently.\*

## **Recommended Use:**

Take one softgel per day, or as directed by your health care practitioner.



Consult with your healthcare practitioner about your specific circumstances and any questions you may have. \*These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure or prevent any disease.

TO CONTACT DESIGNS FOR HEALTH, PLEASE CALL US AT (860) 623-6314, OR VISIT US ON THE WEB AT WWW.DESIGNSFORHEALTH.COM.