

DIETARY NUTRIENTS, SUPPLEMENTS AND FUNCTIONAL FOODS

QUALITY, PURITY AND SAFETY TESTING SERVICES

Your Dietary Ingredient Quality and Regulatory Testing Partner

- Global leader from regulatory consulting to analytical testing for nutritional product industry
- Over 15 years of in-depth expertise in natural botanical ingredient tests for various products
- ISO17025 and cGMP111, 210/211 complied state-of-art laboratory analytical capabilities

The growing demand of population based nutrition needs, met by rapid advancing of nutritional sciences and understanding the health benefits of new ingredients has led to the substantial growth of the dietary supplements and functional goods over the last decade. Consumers are presented with an ever increasing number of natural or synthetic nutritional ingredients in a vast array of products. FDA and other regulatory agencies continue to update respective regulatory requirements to ensure product quality and safety with guidance to the industry.

The Challenge

In addition to traditional nutritional supplement ingredients such as vitamins and minerals, new supplement ingredients for various health conditions are increasingly available in different formulations and product forms. Under the DSHEA, manufacturers and distributors must ensure compliance of identity, potency and purity requirements. The dietary supplement industry is faced with complex analytical



support demands yet has limited in-house expertise and resources and strengthening regulations. Companies increasingly turn to the in-depth knowledge and analytical capability of dedicated external laboratories for their needs in botanical ingredient identification.

Our Solutions

Intertek can provide you identification, potency, purity and safety testing based on our breadth of expertise from over 15 years focused analytical work in natural and synthetic supplement ingredients and products. We can support your routine analysis such as nutrition fact or supplement fact panel as well as more difficult testing for natural ingredients in supplements and functional foods throughout the product life cycle. Our highly experienced scientific and technical staff (many with Ph.D. and M.S. degrees) can provide close support to ensure your needs are met.

CASE STUDY

Analytical support for new Vitamin E formulation in clinical study:

Vitamin E, with its multiple forms of tocopherols and tocotrienols, are present in many diets. They are associated with various health conditions including heart health and eye health as examples. Our client required in-depth analytical support for their formulation development to support a clinical study. Drawing upon our expertise and capabilities, Intertek Champaign Labs provided support in optimizing and validating the analytical methods for raw materials and soft gel formulation used in the clinical study, and further provided the release testing and the stability study required to meet the FDA requirement and clinical study protocol. This example highlights the expertise and technical resources that Intertek can provide our clients for their dietary supplement products.

