



VITAMIN E & TOCOPHEROLS



See Health in a New Light

The sky's the limit with ADM's Novatol® naturally derived Decanox® mixed tocopherols and vitamin E. These powerful and plant-based antioxidants are the ideal way to help protect cells in the body from oxidative stress. Further, Novatol® vitamin E is twice as effective as synthetic vitamin E offerings. This increased efficacy is crucial given that most Europeans consume less Vitamin E than is recommended¹.



SHED NEW LIGHT ON A FAVORITE VITAMIN

With over 50 years of scientific research, vitamin E has long been celebrated for its use in cosmetic preparations for softer skin, however recent advances show that it is capable of benefiting us in many more ways³.

80%
of Europeans
have a Vitamin E
intake below
15 mg/day¹

The naturally-
derived Vitamin E
market is expected
to exceed \$1 billion
before 2026²



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A Whole Lot of Benefits

Vitamin E is an essential nutrient that cannot be made in the body. It is recognized as an antioxidant and as such it supports numerous functions in the body.⁴ Add ADM's sourced from nature vitamin E to your healthy product lines to improve your plant-based formulations. We are the largest producer of naturally sourced vitamin E and mixed tocopherols. Our Novatol and Decanox solutions are supported by ADM's high-quality and reliable supply, dependable customer service and expertise in taste, nutrition, and functionality.

ADM may give you an edge in the Health & Wellness marketplace by delivering solutions to fuel product innovation. When we partner with you, we deliver more than just reliable ingredients. We pair those with our formulation expertise and technical know-how to deliver holistic product solutions that delight consumers.

FACTS ABOUT NOVATOL® NATURAL SOURCE VITAMIN E AND MIXED TOCOPHEROLS AND DECANOX® MIXED TOCOPHEROLS:

STUDIES SHOW ADM'S NOVATOL® PLANT-BASED VITAMIN E FORMULATIONS ARE TWICE AS BIOAVAILABLE WITHIN THE BODY WHEN COMPARED TO SYNTHETIC VITAMIN E



THEY ARE ALL PLANT-SOURCED, CLEAN LABEL, GRAS COMPLIANT, NON-GMO⁵, GLUTEN-FREE AND KOSHER



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Naturally Increased Bioavailability

ADM's natural form of vitamin E, d-alpha-tocopherol, delivers a plant-derived solution to product developers. This clean label product is more available to the body compared to the synthetic form (dl-alpha-tocopherol). The bioavailability (available for use by the body) is 2:1 for natural-source vitamin E over synthetic vitamin E. Adding this essential nutrient can help reach sales within the natural vitamin channel quickly and easily.

More Applications, More Benefits

For consumer products that can be used from head to toe, adding Novatol® or Decanox® vitamin E solutions won't hurt the shelf life of your products and may enhance your market share. With good stability, ADM's Novatol® and Decanox® solutions have up to two years of shelf life.



supplements



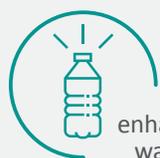
bars & snacks



dairy/plant-based milk beverages



baking/cereal



enhanced waters



lip balm/sunscreen/lotions



VITAMIN E PRODUCT LINEUP

ADM OFFERS A VERY COMPREHENSIVE PRODUCT PORTFOLIO.

MIXED TOCOPHEROLS

Novatol® 4-80 (oil)
 Novatol® 3-50 SD
 (powder)
 Decanox® MTS-30 P
 (powder)
 Decanox® MTS-50 (oil)
 Decanox® MTS-70 (oil)
 Decanox® MTS-90 (oil)
 Decanox® MTS-G (oil)

D-ALPHA TOCOPHEROL

Novatol® 5-67 (oil)
 Novatol® 5-87 (oil)
 Novatol® 1490 (oil)

D-ALPHA TOCOPHERYL ACETATE

Novatol® 6-81 (oil)
 Novatol® 6-92 (oil)
 Novatol® E700D (powder)
 Novatol® E700S (powder)
 Novatol® 1360 (oil)

D-ALPHA TOCOPHERYL ACID SUCCINATE

Novatol® Regular Grade
 (powder)
 Novatol® HPMC (powder)
 Sunflower Succinate
 (powder)

ADM DELIVERS FOR YOU

With the broadest portfolio of health & wellness products and solutions and the expertise to craft them into delicious foods, ADM helps our customers meet the evolving functional nutrition needs of the most discerning consumers. With our vertically integrated supply chain to ensure the reliability and availability of high-quality products and our dependable customer service, you get what you need, from start to finish.

¹ Péter S, Friedel A, Roos FF, Wyss A, Eggersdorfer M, Hoffmann K, et al. A systematic review of global alpha-tocopherol status as assessed by nutritional intake levels and blood serum concentrations. *Int J Vitam Nutr Res.* 2016;1-21

² <https://www.fortunebusinessinsights.com/industry-reports/natural-vitamin-e-market-101591>, <https://www.plantbasedfoods.org/marketplace/consumer-insights/>

³ Source: NIH Office of Dietary Supplements, Vitamin E, Fact Sheet for Health Professionals. Accessed 01/06/2022

⁴ Source: Dietary Reference Intakes for Vitamin C, Vitamin E, Selenium, and Carotenoids. Institute of Medicine 2000. <https://www.ncbi.nlm.nih.gov/books/NBK225461/>

⁵ Non-GMO: Only applies to products manufactured from crops that are traditionally non-GMO.

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