



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-214454
Lot Number: SAMPLE
Product Name: (+)- α -Tocopherol
CAS Number: 59-02-9
Molecular Formula: $C_{29}H_{50}O_2$
Molecular Weight: 430.71
Native Source: Vegetable Oil

Test	Specification	Result
Appearance (Color)	Yellow to Red	Dark yellow
Appearance (Turbidity)	Clear	Clear
Appearance (Form)	Viscous Liquid	Viscous Liquid
Solution (Color)	Yellow to Yellow-Green	Yellow - Green
Solution (Turbidity)	Clear 100 mg/mL. $CHCl_3$	Clear
Infrared Spectrum	Conforms to Structure	Complies
Potency	Conforms approx 1,000 I.U. Vitamin E/G	Complies
Carbon Content	79.2% - 82.5%	79.4%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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