CATO Research Chemicals Inc.

Make the Tests More Accurate

ISO 17034 : 2016 | ISO 9001 : 2015

No.: 202509150055

Certificate of Analysis

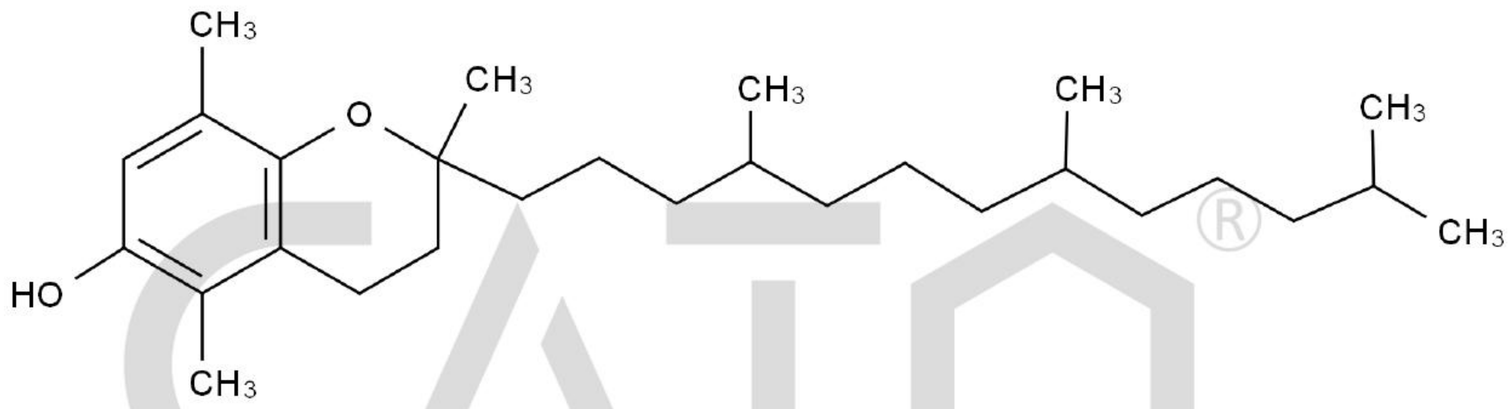
Reference Material & Standard

Product Name:	Beta-Tocopherol	**Catalogue Number:**	CCFD200389
Synonyms:	N/A	**Lot Number:**	0918-RG-0001
CAS Number:	148-03-8	**Expiry Date:**	Aug 04, 2029
Molecular Formula:	$C_{28}H_{48}O_2$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	416.68		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Clear Colourless to Light Yellow Oil
Identification	GCMS	Confirmed
Purity	GC	100.0%
Uncertainty		±0.8%

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Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by: Lisa Date: Sep 18, 2025

Reviewed by: Jinlan Date: Sep 18, 2025

Approved by General Manager: David Date: Sep 18, 2025

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ANAB ANSI National Accreditation Board ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER AR-2832

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