



CERTIFICATE OF ANALYSIS

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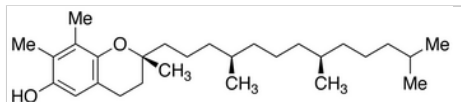
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1. Identification

CAS Number: 54-28-4**Cat. Number:** T526140**Product:** γ -Tocopherol**Synonym:**

(2R)-3,4-Dihydro-2,7,8-Trimethyl-2-[(4R,8R)-4,8,12-trimethyltridecyl]-2H-1-benzopyran-6-ol; (+)-2,7,8-Trimethyl-(7-methyl-d3)-2-(4,8,12-trimethyltridecyl)-6-chroman-ol; (+)- γ -Tocopherol; (2R,4□R,8□R)- γ -Tocopherol; (R,R,R)- γ -Tocopherol; D- γ -Tocopherol; all-(R)- γ -Tocopherol; d- γ -Tocopherol;

Structure:**Molecular Formula:**

C28H48O2

Molecular weight:

416.68

Source of Product:

2. Analytical Information

Lot Number: 11-SCC-74-1**Boiling Point:** N/A**Melting Point:** N/A**Atmosphere:** Inert Gas**Appearance:** Pale Yellow Thick Oil**Solubility:** Chloroform, Methanol**Method for Determining Identity:** 1H NMR (CDCl3) and MS**Stability:** Light Sensitive**Purity:** 98%**Long Term Storage Condition:** Amber Vial, -20°C Freezer, Under Inert Atmosphere**Additional Info.:** 0

Philip Chan, Head of Quality Assurance

QC Test Date:

August 5, 2013
(MM/DD/YYYY)

Retest Date:

August 3, 2016 (MM/DD/YYYY)