

## Certificate of Analysis

Date of Testing: 2024-09-02 10:40:19  
Date of Next Testing: 2028-09-01 10:40:19  
Product Name: **D- $\alpha$ -Tocopherol**  
CAS Number: 59-02-9  
Specifications & Purity: >97.0%(GC)  
Lot #: H2427051  
SKU #: **S161351**  
Version: **0**  
Analysis #: **406040**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.503-1.507	1.51
Specific Rotation [a] <sub>20</sub> /D(c=1 in EtOH)	0.2-0.7 (°)	0.40°
Purity(GC)	97-100 (%)	98.00%
Appearance (S161351)	Clear yellow to red-brown Viscous liquid	Clear yellow to red-brown Viscous liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager