

Certificate of Analysis

Date of Testing: 2024-12-19 14:33:44

Date of Next Testing: 2028-12-18 14:33:44

Product Name: **D- α -Tocopherol**

CAS Number: 59-02-9

Specifications & Purity: $\geq 97\%$ (GC)

Lot #: A2122290

SKU #: **S161351**

Version: **0**

Analysis #: **452217**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.503-1.507	1.51
Specific Rotation [a] _{20/D} (c=1 in EtOH)	0.2-0.7 (°)	0.30°
Purity(GC)	97-100 (%)	97.90%
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



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QA & QC Manager