

Product Specification

Product Name	DL-alpha-Tocopherol, EP/USP grade
Glentham Code	GP3425
CAS Number	10191-41-0
EINECS	233-466-0
MDL Number	MFCD00006848
Additional CAS	2074-53-5
Additional CAS	1406-18-4
PubChem SID	310272467

Molecular Weight	430.72
Molecular Formula	$C_{29}H_{50}O_2$
Storage Temp.	+4°C

Property	Specification
Physical Description	Pale yellow to brown, clear viscous liquid
Identification	According to EP, USP
Specific Optical Rotation	-0.01 - +0.01 °
Sulphated Ash	≤ 0.1%
Acidity	≤ 1.0ml
Related Substances	Impurity A: ≤ 0.5%
	Impurity B: ≤ 1.5%
	Impurity C + D: ≤ 1.0%
	Any Other Impurity: ≤ 0.25%
	Total Impurities: ≤ 2.5%
Assay	96.0 - 102.0 % (EP)
Assay	96.0 - 102.0 % (USP)
Pharmacopoeia Specification(s)	EP, USP

Specification Version	-	v1.0
Date Created	-	2025-05-06

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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