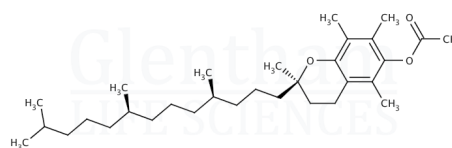


Certificate of Analysis

Product Name	DL-alpha-Tocopherol acetate, EP/USP/FCC grade
Glentham Code	GV1022
CAS Number	7695-91-2
EINECS	231-710-0
MDL Number	MFCD00072052
PubChem SID	310281036
Batch Number	369UFO



Molecular Weight	472.76
Molecular Formula	$C_{31}H_{52}O_3$
Storage Temp.	+4°C

Property	Specification	Batch 369UFO
Physical Description	Light-yellow viscous oil, nearly odourless	Conforms
Assay	98.0 - 102.0 %	99.1%
Specific Optical Rotation	-0.01 - +0.01 °	Conforms
Identification	IR, TLC	Conforms
Acidity	Conforms to USP, FCC	Conforms
Related Substances (EP)	Impurity A: ≤ 0.5%	Conforms
	Impurity B: ≤ 1.5%	Conforms
	Impurity C: ≤ 0.5%	Conforms
	Impurity D+E: ≤ 1.0%	Conforms
	Any Other individual Impurity: ≤ 0.25%	Conforms
	Total Impurities: ≤ 2.5%	Conforms
Lead (Pb)	≤ 2ppm	Conforms
Arsenic (As)	≤ 1ppm	Conforms
Heavy Metals	≤ 10ppm	Conforms
Residue on Ignition	≤ 0.1%	0.04%
Free Tocopherol	≤ 0.5%	0.4%
Pharmacopoeia Specification(s)	EP, USP, FCC	Conforms to EP8, USP36, FCC

Specification Version	v1.0
Manufacture Date	2014-07-16
Re-Test Date	2025-12-16

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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