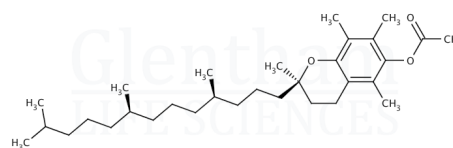


Certificate of Analysis

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	496FWA



Molecular Weight	472.76
Molecular Formula	C ₃₁ H ₅₂ O ₃
Storage Temp.	+4°C

Property	Specification	Batch 496FWA
Physical Description	Light-yellow viscous oil, nearly odourless	Light-yellow viscous oil, nearly odourless
Identification	IR, TLC	Conforms
Specific Optical Rotation	-0.01 - +0.01 °	0.00°
Acidity	Conforms to USP, FCC	Conforms
Related Substances (EP)	Impurity A: ≤ 0.5%	< 0.1
	Impurity B: ≤ 1.5%	0.6
	Impurity C: ≤ 0.5%	< 0.1
	Impurity D+E: ≤ 1.0%	< 0.1
	Any Other individual Impurity: ≤ 0.25%	< 0.1
	Total Impurities: ≤ 2.5%	0.6
Lead (Pb)	≤ 2ppm	< 0.5ppm
Arsenic (As)	≤ 1ppm	< 1ppm
Heavy Metals	≤ 10ppm	< 10ppm
Assay	96.5 - 102.0 % (EP)	98.9%
Assay	96.0 - 102.0 % (USP, FCC)	98.9%
Pharmacopoeia Specification(s)	EP, USP, FCC	Conforms

Specification Version	v1.1
Manufacture Date	2023-12-20
Re-Test Date	2031-07-12

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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