

Certificate of Analysis

Product Name DL-alpha-Tocopherol acetate,
EP/USP/FCC grade

Glenthams Code GV1022

CAS Number 7695-91-2

EINECS 231-710-0

Numéro MDL MFCD00072052

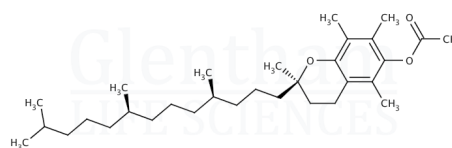
PubChem SID 310281036

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

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

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