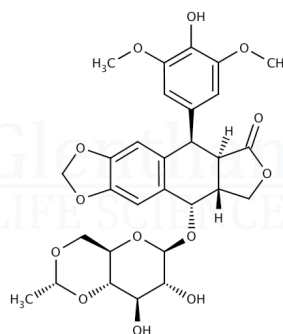


## Certificate of Analysis

Product Name	Etoposide, USP grade
Glentham Code	GP7062
CAS Number	33419-42-0
EINECS	251-509-1
MDL Number	MFCD00869325
Batch Number	657NOT

Molecular Weight	588.56
Molecular Formula	C <sub>29</sub> H <sub>32</sub> O <sub>13</sub>
Storage Temp.	+20°C



Property	Specification	Batch 657NOT
Physical Description	White or almost white crystalline powder	White powder
Identification	A, B according to USP	Conforms
Specific Optical Rotation	-110 - -118 °	-111.6°
Water	≤ 6.0%	2.9%
Individual Organic Impurities	≤ 1.0%	Conforms
Total Organic Impurities	≤ 2.0%	0.3%
Residue on Ignition	≤ 0.1%	< 0.1%
Heavy Metals	≤ 20ppm	< 20ppm
Assay (anhydrous basis)	95.0 - 105.0 %	99.4%
Pharmacopoeia Specification(s)	USP	Conforms

Specification Version	v1.0
Manufacture Date	2024-03-05
Re-Test Date	2031-05-24

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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