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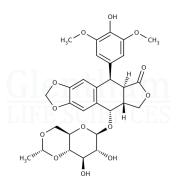
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Certificate of Analysis

Product Name	Etoposide, USP grade
Glentham Code	GP7062
CAS Number	33419-42-0
EINECS	251-509-1
MDL Number	MFCD00869325
Batch Number	067BAQ
Molecular Weight	588.56
Molecular Formula	C ₂₉ H ₃₂ O ₁₃
Storage Temp.	+20°C



Property	Specification	Batch 067BAQ
Physical Description	White or almost white crystalline powder	White crystalline powder
Identification	A, B according to USP	Conforms
Specific Optical Rotation	-110118 °	-113°
Water	≤ 6.0%	4.2%
Individual Organic Impurities	≤ 1.0%	0.05%
Total Organic Impurities	≤ 2.0%	0.2%
Residue on Ignition	≤ 0.1%	0.03%
Heavy Metals	≤ 20ppm	≤ 20ppm
Assay (anhydrous basis)	95.0 - 105.0 %	99.2%
Pharmacopoeia Specification(s)	USP	Conforms

Specification Version	v1.0
Manufacture Date	2023-01-05
Re-Test Date	2030-03-15

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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