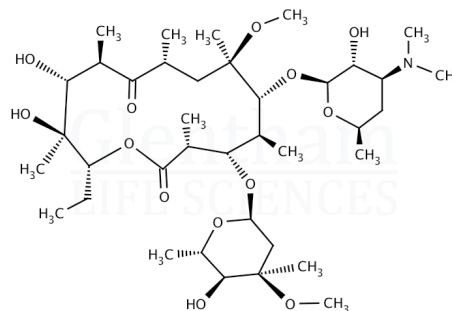


Certificate of Analysis

Product Name	Clarithromycin, USP grade
Glentham Code	GP2134
CAS Number	81103-11-9
MDL Number	MFCD00865140
Batch Number	523HPC
Molecular Weight	747.95
Molecular Formula	C ₃₈ H ₆₉ NO ₁₃
Storage Temp.	+20°C



Property	Specification	Batch 523HPC
Physical Description	White powder or crystals	White powder
Identification	A, B	Conforms
Specific Optical Rotation ([α] ₂₀ /D)	-94.0 - -102.0 ° (c=1, dichloromethane)	-96.3°
pH	8.0 - 10.0	8.5
Residue on Ignition	≤ 0.2%	< 0.1%
Water (KF)	≤ 2.0%	1.0%
Any Individual Impurity (HPLC)	≤ 1.0%	0.3%
Total Impurities	≤ 3.5%	Conforms
Assay (HPLC)	96.0 - 102.0 %	98.7%
Pharmacopoeia Specification(s)	USP	Conforms

Specification Version	v1.0
Manufacture Date	2023-07-22
Re-Test Date	2030-09-27

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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