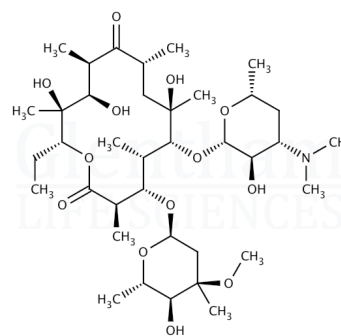


Certificate of Analysis

Product Name Erythromycin
Glentham Code GA1145
CAS Number 114-07-8
EINECS 204-040-1
MDL Number MFCD00084654
PubChem SID 310272642
Batch Number 407QTK

Molecular Weight 733.93
Molecular Formula $C_{37}H_{67}NO_{13}$
Storage Temp. +4°C



Property	Specification	Batch 407QTK
Physical Description	White or pale yellow powder	White powder
Identification	According to BP	Conforms
Specific Optical Rotation	-71 - -78 °	-76.1°
Related Substances	Any Individual Impurity: ≤ 3.0%	Conforms
	Total Impurities: ≤ 7.0%	2.2
Thiocyanate	≤ 0.3%	0.01%
Water	≤ 6.5%	2.0%
Sulphated Ash	≤ 0.2%	0.03%
Assay	Erythromycin A+B+C: 93.0 - 102.0%	98.6
	Erythromycin B: ≤ 5.0%	0.1
	Erythromycin C: ≤ 5.0%	0.3
Pharmacopoeia Specification(s)	BP	Conforms

Specification Version v1.0
Manufacture Date 2023-09-01
Re-Test Date 2031-08-16

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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