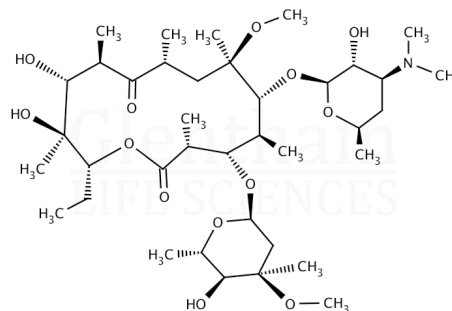


## Product Specification

|               |                           |
|---------------|---------------------------|
| Product Name  | Clarithromycin, USP grade |
| Glentham Code | GP2134                    |
| CAS Number    | 81103-11-9                |
| Numéro MDL    | MFCD00865140              |

|                   |                                                  |
|-------------------|--------------------------------------------------|
| Molecular Weight  | 747.95                                           |
| Molecular Formula | C <sub>38</sub> H <sub>69</sub> NO <sub>13</sub> |
| Storage Temp.     | +20°C                                            |



| Property                                        | Specification                           |
|-------------------------------------------------|-----------------------------------------|
| Physical Description                            | White powder or crystals                |
| Identification                                  | A, B                                    |
| Specific Optical Rotation ( $[\alpha]_{20/D}$ ) | -94.0 - -102.0 ° (c=1, dichloromethane) |
| pH                                              | 8.0 - 10.0                              |
| Residue on Ignition                             | ≤ 0.2%                                  |
| Water (KF)                                      | ≤ 2.0%                                  |
| Any Individual Impurity (HPLC)                  | ≤ 1.0%                                  |
| Total Impurities                                | ≤ 3.5%                                  |
| Assay (HPLC)                                    | 96.0 - 102.0 %                          |
| Pharmacopoeia Specification(s)                  | USP                                     |

|                       |   |            |
|-----------------------|---|------------|
| Specification Version | - | v1.0       |
| Date Created          | - | 2023-09-27 |

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

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025