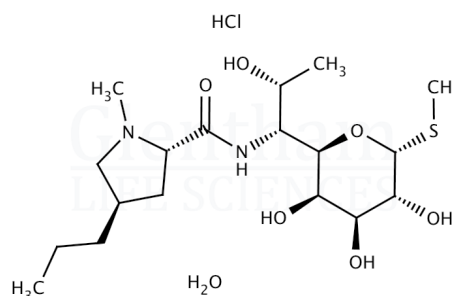


## Certificate of Analysis

|                 |                                    |
|-----------------|------------------------------------|
| Product Name    | Lincomycin hydrochloride, EP grade |
| Glentham Code   | GP0215                             |
| CAS Number      | 859-18-7                           |
| EINECS          | 212-726-7                          |
| MDL-Nummer      | MFCD00083647                       |
| Zusätzliche CAS | 17017-22-0                         |
| Zusätzliche CAS | 7179-49-9 (·H <sub>2</sub> O)      |
| Batch Number    | 115GQM                             |

|                   |                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------|
| Molecular Weight  | 443.00 (anhydrous)                                                                        |
| Molecular Formula | C <sub>18</sub> H <sub>34</sub> N <sub>2</sub> O <sub>6</sub> S · HCl · xH <sub>2</sub> O |
| Storage Temp.     | +4°C                                                                                      |



| Property                       | Specification                                                                            | Batch 115GQM               |
|--------------------------------|------------------------------------------------------------------------------------------|----------------------------|
| Physical Description           | White or almost white crystalline powder                                                 | Almost white powder        |
| Identification                 | A, B, C, D according to EP                                                               | Entspricht                 |
| Solubility (20% in water)      | Clear, colourless to faint yellow solution                                               | Clear, colourless solution |
| pH (10% in water)              | 3.5 - 5.5                                                                                | 4.3                        |
| Specific Optical Rotation      | +135 - +150 °                                                                            | +142 °                     |
| Lincomycin B                   | ≤ 5.0%                                                                                   | 0.65%                      |
| Heavy Metals                   | ≤ 10ppm                                                                                  | Entspricht                 |
| Water                          | ≤ 5.0%                                                                                   | 3.6%                       |
| Residue on Ignition            | ≤ 0.5%                                                                                   | ≤ 0.1%                     |
| Assay                          | 96.0 - 102.0 % (Lincomycin hydrochloride + Lincomycin B hydrochloride (anhydrous basis)) | 99.4%                      |
| Pharmacopoeia Specification(s) | EP                                                                                       | Entspricht                 |

|                       |            |
|-----------------------|------------|
| Specification Version | v1.0       |
| Manufacture Date      | 2022-04-23 |
| Re-Test Date          | 2031-06-07 |

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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