



## CERTIFICATE OF ANALYSIS

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|--------------|---|
| Product      | Lincomycin hydrochloride  |
| Grade        | USP   |
| Product Code | LB0604  |
| Formula      | C <sub>18</sub> H <sub>34</sub> N <sub>2</sub> O <sub>6</sub> S.HCl |
| MW           | 443.0   |
| CAS#         | 859-18-7  |
| Lot No       |   |

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| Test Items  | Specifications                             | Results |
|---|--|---------|
| Appearance  | A white or almost white crystalline powder |         |
| Solubility  | Complies with the Specification            |         |
| Identification                                      | Infrared Absorption                        |         |
| Crystallinity                                       | Meet the requirement                       |         |
| pH  | 3.0~5.5                                    |         |
| Specific optical rotation<br>4%(W/V) water solution | +135° ~ +150°                              |         |
| Lincomycin B content                                | ≤5.0%                                      |         |
| Water   | 3.0 ~6.0%                                  |         |
| Assay   | ≥790µg of Lincomycin per mg                |         |
| Bacterial endotoxins                                | Meet the requirement                       |         |

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Storage: 4°C