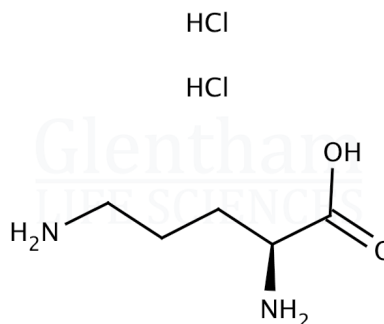


## Certificate of Analysis

|               |                             |
|---------------|-----------------------------|
| Product Name  | L-Ornithine dihydrochloride |
| Glentham Code | GM4908                      |
| CAS Number    | 6211-16-1                   |
| EINECS        | 228-277-5                   |
| MDL-Nummer    | MFCD00066571                |
| PubChem SID   | 310278378                   |
| Batch Number  | 030WNS                      |

|                   |                              |
|-------------------|------------------------------|
| Molecular Weight  | 205.08                       |
| Molecular Formula | $C_5H_{12}N_2O_2 \cdot 2HCl$ |
| Storage Temp.     | +20°C                        |



| Property                                        | Specification                            | Batch 030WNS   |
|-------------------------------------------------|------------------------------------------|----------------|
| Physical Description                            | White to almost white powder or crystals | White crystals |
| Identification (IR)                             | To conform to standard                   | Entspricht     |
| Solubility (1% in water)                        | Clear, colourless solution               | Entspricht     |
| Specific Optical Rotation ( $[\alpha]_{20/D}$ ) | +16.0 - +19.0 ° (c=5, water)             | +16.7°         |
| Assay                                           | ≥ 98.0%                                  | 99.7%          |

|                       |            |
|-----------------------|------------|
| Specification Version | v1.0       |
| Manufacture Date      | 2024-10-28 |
| Re-Test Date          | 2031-09-24 |

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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