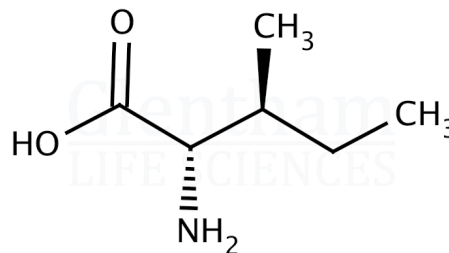


## Certificate of Analysis

|                   |                 |
|-------------------|-----------------|
| Product Name      | DL-Isoleucine   |
| Glentham Code     | GM0912          |
| CAS Number        | 443-79-8        |
| EINECS            | 207-139-8       |
| MDL-Nummer        | MFCD00004268    |
| PubChem SID       | 310272283       |
| Batch Number      | 191GRF          |
| Molecular Weight  | 131.18          |
| Molecular Formula | $C_6H_{13}NO_2$ |
| Storage Temp.     | +20°C           |



| Property                  | Specification                              | Batch 191GRF             |
|---------------------------|--------------------------------------------|--------------------------|
| Physical Description      | White or almost white crystalline powder   | White crystalline powder |
| Solubility (5% in 1M HCl) | Clear, colourless or faint yellow solution | Entspricht               |
| Heavy Metals (as Pb)      | ≤ 10ppm                                    | Entspricht               |
| Residue on Ignition       | ≤ 0.1%                                     | 0.06%                    |
| Loss on Drying            | ≤ 0.5%                                     | 0.015%                   |
| Assay                     | 99.0 - 101.0 %                             | 99.5%                    |

|                       |            |
|-----------------------|------------|
| Specification Version | v1.0       |
| Manufacture Date      | 2017-12-15 |
| Re-Test Date          | 2027-02-02 |

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