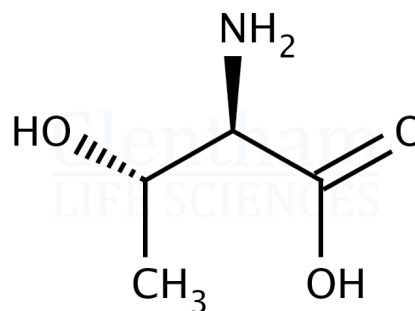


## Certificate of Analysis

|                   |                                               |
|-------------------|-----------------------------------------------|
| Product Name      | D-Threonine                                   |
| Glentham Code     | GM7406                                        |
| CAS Number        | 632-20-2                                      |
| EINECS            | 211-171-8                                     |
| MDL-Nummer        | MFCD00064269                                  |
| PubChem SID       | 310280945                                     |
| Batch Number      | 318GKE                                        |
| Molecular Weight  | 119.12                                        |
| Molecular Formula | C <sub>4</sub> H <sub>9</sub> NO <sub>3</sub> |
| Storage Temp.     | +20°C                                         |



| Property                                         | Specification                                   | Batch 318GKE               |
|--------------------------------------------------|-------------------------------------------------|----------------------------|
| Physical Description                             | White to off-white powder or crystals           | White powder               |
| Identification (IR)                              | To conform to standard                          | Conforms to standard       |
| Solubility (5% in water)                         | Clear, colourless to very faint yellow solution | Clear, colourless solution |
| Specific Optical Rotation ([α] <sub>20/D</sub> ) | +26.0 - +30.0 ° (c=4, water)                    | 28.3°                      |
| Assay (Titration)                                | ≥ 98.0%                                         | 99.5%                      |

|                       |            |
|-----------------------|------------|
| Specification Version | v1.0       |
| Manufacture Date      | 2023-04-18 |
| Re-Test Date          | 2030-05-05 |

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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