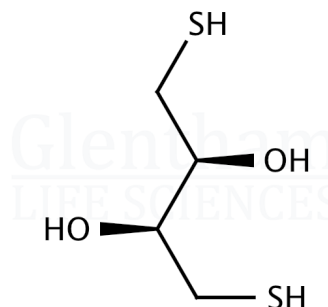


Product Specification

| | |
|--------------------|------------------------|
| Product Name | DL-Dithiothreitol, 99% |
| Glentham Code | GC1199 |
| CAS Number | 3483-12-3 |
| EINECS | 222-468-7 |
| Numéro MDL | MFCD00004877 |
| CAS supplémentaire | 27565-41-9 |
| PubChem SID | 310270881 |
| Molecular Weight | 154.25 |
| Molecular Formula | $C_4H_{10}O_2S_2$ |
| Storage Temp. | +4°C |



| Property | Specification |
|-------------------------------|--------------------------------|
| Physical Description | White to off-white powder |
| Solubility (5% in water) | Clear, colourless solution |
| Identification | IR TLC |
| Melting Point | 42 - 44 °C |
| UV Absorbance (0.1M Solution) | 500nm: ≤ 0.05 280nm: ≤ 0.10 |
| pH | 4.00 - 6.00 (0.1M in water) |
| Loss on Drying | ≤ 0.5% |
| Individual Impurity | Dihydroxydithiane: ≤ 0.4% |
| Assay (Iodimetry) | ≥ 99.0% |

| | | |
|-----------------------|---|------------|
| Specification Version | - | v1.0 |
| Date Created | - | 2013-09-26 |

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 or contact us using the details above for the current version of this document.

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