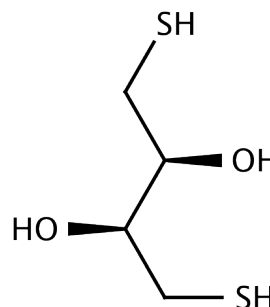


Product Specification

Product Name : DL-Dithiothreitol, 99%
Glentham Code : GC1199
CAS Number : 3483-12-3
EINECS : 222-468-7
MDL Number : MFCD00004877
Additional CAS : 27565-41-9
PubChem SID : 310270881

Molecular Weight : 154.25
Molecular Formula : C₄H₁₀O₂S₂
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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