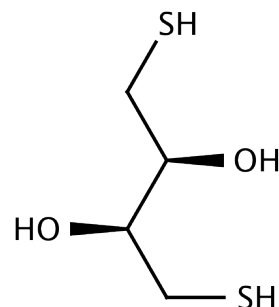


Product Specification

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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