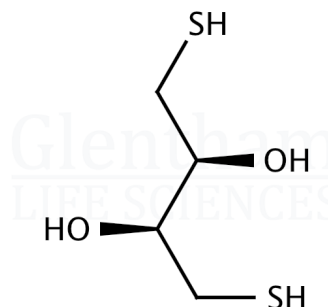


## Product Specification

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	$C_4H_{10}O_2S_2$
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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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