

## Product Datasheet

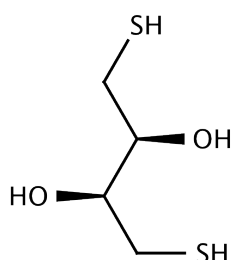
### GC1199 - DL-Dithiothreitol, 99%

#### Product Details

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  
Related Categories : Carbohydrates, Biochemicals,  
Raw Materials (IVD), Reagents  
for PCR, Reagents for Gel  
Electrophoresis of DNA/RNA,  
Reagents for Gel  
Electrophoresis of Proteins,  
Reagents for Western Blotting

#### Structure

Molecular Weight : 154.25  
Molecular Formula : C<sub>4</sub>H<sub>10</sub>O<sub>2</sub>S<sub>2</sub>



#### Storage

Recommended storage temperature: +4°C.

#### Hazards and Transport

Not classified as dangerous for transport.

CLP Classification : Acute Oral Tox. 4, Skin  
Irrit. 2, Eye Irrit. 2, STOT  
SE 3

Signal Word : Warning

Hazard Codes : H302, H315, H319, H335  
Precautionary Codes : P261, P280, P301+P312,  
P302+P352,  
P305+P351+P338

Pictograms



#### Glentham Product 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%  
Version : v1.0

#### About DL-Dithiothreitol, 99%

No further details on record.

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