

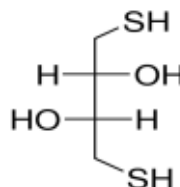
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Product Specification

Product Name:
DL-Dithiothreitol – for molecular biology, ≥98% (HPLC), ≥99% (titration)

Product Number: **D9779**
CAS Number: 3483-12-3
MDL: MFCD00004877
Formula: C₄H₁₀O₂S₂
Formula Weight: 154.25 g/mol
Storage Temperature: 2 - 8 °C



TEST

Specification

Heavy Metals (as Lead)	< = 5 ppm
RNAse Detection	None Detected
DNAse, Exonuclease Detection	None Detected
Protease Detection	None Detected
Titration with Iodine	≥ 99 %
Appearance (Color)	White
Appearance (Form)	Powder
Solubility (Color)	Colorless to Very Faint Yellow
Solubility (Turbidity)	Clear
50 mg/ml, H ₂ O	
¹ H NMR Spectrum	Conforms to Structure
Purity (HPLC)	≥ 98 %
Recommended Retest Period	-----
4 years	

Specification: PRD.3.ZQ5.10000007420

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.