

**MP Biomedicals, LLC**

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Certificate of Analysis

Product Description: DL-Dithiothreitol, electrophoresis grade_

Catalog Number: 856126; 856128_

Lot: 1284F_

Formula: $C_4H_{10}O_2S_2$

CAS #: 27565-41-9

Physical Description: White Powder

Formula Weight: 154.25

Storage: +4°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	$\geq 99.5\%$	99.52%
Melting Point	40-50°C	40.0 - 44.0°C
FTIR	Conforms to Standard	Conforms to Standard
OD Readings	For Information Only	A283 (0.02 M aq soln) <0.04 A305 (1% aq soln) <0.05

01/31/2002 - Joseph Dietz, Ph.D.

MP Biomedicals, LLC.

Technical Director

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Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site

Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)