

**MP Biomedicals, LLC**

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Certificate of Analysis

Product Description: DL-Dithiothreitol, electrophoresis grade_

Catalog Number: 856126_

Lot: 1333C_

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	$\geq 99.5\%$	99.9%
Melting Point	40-50°C	41-42°C
FTIR	Conforms to Standard	Conforms to Standard
OD 283 (0.02M aq sln)	≤ 0.04	0.015
OD 305 (1% w/v aq sln)	≤ 0.05	0.019

Approved - 07/20/99 by Joe Dietz

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)