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Certificate of Analysis

Product Description: DL-Dithiothreitol, electrophoresis grade_**Catalog Number:** 856126_**Lot:** 1919C_**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	$\geq 99.5\%$	99.6%
Melting Point	40-50°C	40-44°C
FTIR	Conforms to Standard	Conforms to Standard
OD 283 (0.02M aq sln)	≤ 0.04	.039
OD 305 (1% w/v aq sln)	≤ 0.05	.036

Approved - 08/10/99 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)