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Certificate of Analysis

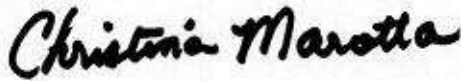
Product Description: DL-Dithiothreitol
Catalog Number: 100597
Lot: MR29132

Formula: C₄H₁₀O₂S₂
CAS #: 27565-41-9
Physical Description: White Powder

Formula Weight: 154.25
Storage: +4°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity (Titration)	≥99.0%	99.5%
Melting Point	40 - 50°C	42 - 43°C
FTIR	Conforms to Standard	Conforms to Standard
OD Readings	For Information Only	0.221%

pH (H₂O): 5.24
Heavy metals: 1.5 ppm



03/02/2012 - Christina Marotta
MP Biomedicals, LLC.
Technical Director

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<http://www.mpbio.com>

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