



MP Biomedicals, LLC
29525 Fountain Parkway

Solon OH 44139
United States
800.854.0530
www.mpbio.com

Certificate of Analysis

Description: DL-Dithiothreitol, electrophoresis grade	
Catalog number: 04856126B	QI Request No: N/A
Related Catalog number: 04856100 04856126 04856127	
Lot number: YD05014	Quality Level: N/A
Recommended Retest Date (MM/DD/YYYY): 11-30-2025	

Formula: C ₄ H ₁₀ O ₂ S ₂	Formula Weight: 154.25
CAS #: 3483-12-3	Storage: 2 - 8°C
	Storage Conditions: N/A

Additional Product information	Additional Lot Information
	OD500 (0.1M Solution): 0.001
	OD280 (0.1M Solution): 0.001
	OD260 (0.1M Solution): 0.010

Test Description	Specification	Result	Comments
Identity	PASS	PASS	
Purity	>=99.5%	99.9%	Iodimetry
Physical Description	White Powder	White Powder	
FTIR	Conforms to Standard	Conforms to Standard	
Melting Point	40 - 50°C	41.7 - 42.3°C	
OD Readings	REPORT	REPORT	See Lot specific text
DNase	None Detected	None Detected	
RNase	None Detected	None Detected	
Protease	None Detected	None Detected	

Chris. Qu

11-01-2024 *Chris Qu*
MP Biomedicals, LLC.

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Mail to: biotech@mpbio.com