



**MP Biomedicals, LLC**  
29525 Fountain Parkway

Solon OH 44139  
United States  
800.854.0530  
[www.mpbio.com](http://www.mpbio.com)

## Certificate of Analysis

<b>Description:</b> DL-Dithiothreitol, electrophoresis grade	
<b>Catalog number:</b> 04856126B	<b>QI Request No:</b> N/A
<b>Related Catalog number:</b> 04856100 04856126 04856127	
<b>Lot number:</b> YE03041	<b>Quality Level:</b> N/A
<b>Recommended Retest Date (MM/DD/YYYY):</b> 11-06-2025	

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

<b>Additional Product information</b>	<b>Additional Lot Information</b>
---------------------------------------	-----------------------------------

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 - 42°C	
OD Readings	For Information Only	0.058(280nm, 0.1M solution)	
OD Readings	For Information Only	0.010 (500nm, 0.1M solution)	
DNase	None Detected	None Detected	
RNase	None Detected	None Detected	
Protease	None Detected	None Detected	

*Julie Ma*

03-26-2024 Julie Ma  
MP Biomedicals, LLC.

This is an electronically generated document  
Mail to: [biotech@mpbio.com](mailto:biotech@mpbio.com)