

## Certificate of Analysis

Date of Testing: 2022-06-20 19:52:29  
Date of Next Testing: 2026-06-19 19:52:29  
Product Name: **DL-Dithiothreitol**  
CAS Number: 3483-12-3  
Specifications & Purity: 99%  
Lot #: F2210378  
SKU #: **D104859**  
**Analysis:** **087129**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(Iodometric Titration)	99-103 (%)	99.05 %
Purity(HPLC)	98-100 (%)	99.01900 %
Melting point	41-45 (°C)	43.99000 °C
Appearance (D104859)	White Solid	White Solid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility, Colorless to faint yellow, clear (50 mg/mL, H <sub>2</sub> O)	pass	Pass



John Su  
QA & QC Manager