

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-29 15:10:55  
Date of Next Testing: 2029-07-28 15:10:55  
Product Name: **DL-Dithiothreitol**  
CAS Number: 3483-12-3  
Specifications & Purity:  $\geq 99\%$   
Lot #: G2511237  
SKU #: **D104859**  
Version: **1**  
Analysis #: **544914**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(Iodometric Titration)	98.5-101.5 (%)	98.63100 %
Purity(HPLC)	98-100 (%)	99.12100 %
Melting point	41-45 (°C)	42.61000 °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