

ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

### Certificate of Analysis

Date of Testing: 2025-12-20 15:40:03  
Date of Next Testing: 2027-12-20 15:40:03  
Product Name: **1,4-Dithiothreitol (DTT)**  
CAS Number: 3483-12-3  
Specifications & Purity:  $\geq 97\%$   
Lot #: L2518631  
SKU #: **D265376**  
Version: **1**  
Analysis #: **629870**  
Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Melting point	41-44 (°C)	43.56000 °C
Purity(Titration by Iodine)	96.5-103.5 (%)	99.02 %
Appearance(D265376)	White powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H2O , Colorless to Faint Yellow Clear ,50 mg/mL, H2O	pass	Pass



John Su  
QA & QC Manager