

## Certificate of Analysis

Date of Testing: 2022-11-18 16:02:41  
Date of Next Testing: 2024-11-17 16:02:41  
Product Name: **1,4-Dithiothreitol (DTT)**  
CAS Number: 3483-12-3  
Specifications & Purity:  $\geq 97\%$   
Lot #: K2214042  
SKU #: **D265376**  
**Analysis: 157443**  
Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Melting point	41- 44 °C	43.99000 °C
Purity(Titration by Iodine)	96.5-103.5%	100.35 %
Appearance(D265376)	White powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Colorless to Faint Yellow Clear ,50 mg/mL, H <sub>2</sub> O	pass	Pass



John Su  
QA & QC Manager