

Certificate of Analysis

Date of Testing: 2025-04-08 16:28:53
 Date of Next Testing: 2027-04-08 16:28:53
 Product Name: **1,4-Dithiothreitol (DTT)**
 CAS Number: 3483-12-3
 Specifications & Purity: $\geq 97\%$
 Lot #: D2501273
 SKU #: **D265376**
 Version: **1**
 Analysis #: **495071**
 Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Melting point	41-44 (°C)	42.43000 °C
Purity(Titration by Iodine)	96.5-103.5 (%)	99.84 %
Appearance(D265376)	White powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to Faint Yellow Clear ,50 mg/mL, H ₂ O	pass	Pass



John Su
QA & QC Manager