

Certificate of Analysis

Date of Testing: 2024-01-08 15:03:56
Date of Next Testing: 2026-01-07 15:03:56
Product Name: **1,4-Dithiothreitol (DTT)**
CAS Number: 3483-12-3
Specifications & Purity: $\geq 97\%$
Lot #: D2214017
SKU #: **D265376**
Analysis: 312004
Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Melting point	41-44 (°C)	43.96000 °C
Purity(Titration by Iodine)	96.5-103.5 (%)	99.03 %
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