

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-08-21 15:47:54
Date of Next Testing: 2026-08-21 15:47:54
Product Name: **1,4-Dithiothreitol (DTT)**
CAS Number: 3483-12-3
Specifications & Purity: $\geq 97\%$
Lot #: K2214043
SKU #: **D265376**
Version: **1**
Analysis #: **402317**
Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Melting point	41-44 (°C)	43.97000 °C
Purity(Titration by Iodine)	96.5-103.5 (%)	99.78 %
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