

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-03-17 16:45:22  
Date of Next Testing: 2028-03-06 16:45:22  
Product Name: **DL-Dithiothreitol(DTT)**  
CAS Number: 3483-12-3  
Specifications & Purity: Suitable for molecular biology, ≥99%  
Lot #: C2613459  
SKU #: **D104860**  
Version: **0**  
Analysis #: **637995**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Melting point	41-44 (°C)	43.10000 °C
Purity(Iodometric Titration)	99-101 (%)	99.02000 %
Heavy metal (as Pb)	0-5 (ppm)	5.00000 ppm
Appearance (D104860)	White powder	White powder
DNase, Exonuclease Detection	None Detected	none detected
proteases	none detected	none detected
RNase Detection	None Detected	none detected
Solubility in H <sub>2</sub> O , Colorless to Faint Yellow Clear ,50 mg/mL, H <sub>2</sub> O	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager