

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-15 18:42:21
 Date of Next Testing: 2027-09-05 18:42:21
 Product Name: **DL-Dithiothreitol(DTT)**
 CAS Number: 3483-12-3
 Specifications & Purity: Suitable for molecular biology, ≥99%
 Lot #: I2504177
 SKU #: **D104860**
 Version: **0**
 Analysis #: **562183**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Melting point	41-44 (°C)	41.70000 °C
Heavy metal (as Pb)	0-5 (ppm)	0.00000 ppm
Purity(Iodometric Titration)	99-101 (%)	99.02000 %
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 ₂ O , Colorless to Faint Yellow Clear ,50 mg/mL, H ₂ O	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager