

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-09-28 16:22:52

Date of Next Testing: 2028-09-17 16:22:52

Product Name: **DL-Dithiothreitol(DTT)**

CAS Number: 3483-12-3

Grades & Purity: Suitable for molecular biology, ≥99%

Lot #: I2618477

SKU #: **D104860**

Version: **0**

Analysis #: **774207**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Melting point	41-44 (°C)	41.30000 °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