

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-16 18:08:16

Date of Next Testing: 2028-03-05 18:08:16

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

CAS Number: 3483-12-3

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

Lot #: C2613429

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 H2O , Colorless to Faint Yellow Clear ,50 mg/mL, H2O	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager