

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-29 11:25:46
 Date of Next Testing: 2029-07-28 11:25:46
 Product Name: **DL-Dithiothreitol**
 CAS Number: 3483-12-3
 Specifications & Purity: $\geq 99\%$
 Lot #: G2511241
 SKU #: **D104859**
 Version: **1**
 Analysis #: **544914**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(Iodometric Titration)	98.5-101.5 (%)	98.63100 %
Purity(HPLC)	98-100 (%)	99.12100 %
Melting point	41-45 (°C)	42.61000 °C
Appearance (D104859)	White Solid	White Solid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility, Colorless to faint yellow, clear (50 mg/mL, H ₂ O)	pass	Pass



John Su
QA & QC Manager