

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-08-03 15:47:54

Date of Next Testing: 2030-08-02 15:47:54

Product Name: **DL-Dithiothreitol**

CAS Number: 3483-12-3

Specifications & Purity: for electrophoresis, ≥99%

Lot #: G2629044

SKU #: **D104861**

Version: **1**

Analysis #: **754532**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Melting point	41-44 (°C)	43.56000 °C
UV Absorbance 280nm	0-0.04	0.02000
PH(25 °C, 0.1 M in Water)	4-6.5	5.80000
Sulfate(SO42-)	0-50 (ppm)	0.20000 ppm
Heavy metal (as Pb)	0-10 (ppm)	0.00000 ppm
Purity(HPLC)	99-100 (%)	99.02000 %
Appearance (D104861)	white powder or solid	white powder or solid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H2O , 50mg/ml, clear, colorless	pass	Pass
Test for use in reduced SDS-PAGE	Pass	Pass



John Su
QA & QC Manager