

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-09-22 10:54:01

Date of Next Testing: 2030-09-21 10:54:01

Product Name: **DL-Dithiothreitol**

CAS Number: 3483-12-3

Grades & Purity: for electrophoresis, ≥99%

Lot #: I2618958

SKU #: **D104861**

Version: **1**

Analysis #: **780413**

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

Parameter	Limit Values	Result
Melting point	41-44 (°C)	42.99000 °C
UV Absorbance 280nm	0-0.04	0.02000
PH(25 °C, 0.1 M in Water)	4-6.5	5.20000
Sulfate(SO42-)	0-50 (ppm)	1.64000 ppm
Heavy metal (as Pb)	0-10 (ppm)	1.65000 ppm
Purity(HPLC)	99-100 (%)	100.00000 %
Appearance (D104861)	white powder or solid	white powder or solid
Solubility in H2O , 50mg/ml, clear, colorless	pass	Pass
Test for use in reduced SDS-PAGE	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager