

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-24 15:31:05
 Date of Next Testing: 2028-03-23 15:31:05
 Product Name: **DL-Dithiothreitol solution(DTT)**
 CAS Number: 3483-12-3
 Specifications & Purity: UltraBio™, Suitable for molecular biology, ~1 M in H₂O
 Lot #: C2623197
 SKU #: **D755755**
 Version: **1**
 Analysis #: **680510**
 Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
cut-off	0-330 (nm)	206.00000 nm
Density(D ₂₀ /4°C)	1.030-1.050	1.04100
PH(Solution)	2.7-5	4.70000
Refractive index n ₂₀ /D	1.361-1.363	1.36200
titration (molarity)	0.9-1.1 (mol/L)	1.00000 mol/L
Appearance(D755755Z)	Clear,colorless liquid	Clear,Colorless Liquid
Extraneous Activities(DNAses, RNAses, Proteases, Phosphatases)	Not Detectable	not detectable
Residue (filter test)	no residue	no residue
Solubility(Neat,Clear,Colorless)	Pass	Pass



John Su
QA & QC Manager