

Certificate of Analysis

Date of Testing: 2025-06-20 08:52:55
Date of Next Testing: 2027-06-20 08:52:55
Product Name: **DL-Dithiothreitol solution**
CAS Number: 3483-12-3
Specifications & Purity: UltraBio™, Suitable for molecular biology, ~1 M in H₂O
Lot #: F2518983
SKU #: **D755755**
Version: **1**
Analysis #: **532293**
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
cut-off	0-330 (nm)	205.00000 nm
Density(D20/4°C)	1.030-1.050	1.04
PH(Solution)	2.7-5	3.60000
Refractive index n20/D	1.361-1.363	1.36
titration (molarity)	0.9-1.1 (mol/L)	1.00000 mol/L
Appearance(D755755Z)	Clear,colorless liquid	Clear,Colorless Liquid
Extraneous Activities(DNAases, RNAases, Proteases, Phosphatases)	Not Detectable	not detectable
Residue (filter test)	no residue	no residue
Solubility(Neat,Clear,Colorless)	Pass	Pass



John Su
QA & QC Manager