

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-22 09:04:39  
 Date of Next Testing: 2027-12-22 09:04:39  
 Product Name: **1,4-Dithiothreitol (DTT)**  
 CAS Number: 3483-12-3  
 Specifications & Purity:  $\geq 97\%$   
 Lot #: L2518632  
 SKU #: **D265376**  
 Version: **1**  
 Analysis #: **629870**  
 Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

| Parameter                                                                                    | Limit Values          | Result                |
|----------------------------------------------------------------------------------------------|-----------------------|-----------------------|
| Melting point                                                                                | 41-44 (°C)            | 43.56000 °C           |
| Purity(Titration by Iodine)                                                                  | 96.5-103.5 (%)        | 99.02000 %            |
| Appearance(D265376)                                                                          | White powder          | White powder          |
| Infrared spectrum                                                                            | Conforms to Structure | Conforms to Structure |
| Solubility in H <sub>2</sub> O , Colorless to Faint Yellow Clear ,50 mg/mL, H <sub>2</sub> O | pass                  | Pass                  |



John Su  
QA & QC Manager