

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-30 09:15:50

Date of Next Testing: 2027-07-30 09:15:50

Product Name: **1,4-Dithiothreitol (DTT)**

CAS Number: 3483-12-3

Specifications & Purity:  $\geq 97\%$

Lot #: G2511232

SKU #: **D265376**

Version: **1**

Analysis #: **548917**

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

| Parameter                                                                                    | Limit Values          | Result                |
|----------------------------------------------------------------------------------------------|-----------------------|-----------------------|
| Melting point                                                                                | 41-44 (°C)            | 42.61000 °C           |
| Purity(Titration by Iodine)                                                                  | 96.5-103.5 (%)        | 99.12100 %            |
| 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                  |



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