

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-02-09 13:46:44

Date of Next Testing: 2030-02-08 13:46:44

Product Name: **DL-Dithiothreitol**

CAS Number: 3483-12-3

Specifications & Purity:  $\geq 99\%$

Lot #: A2630513

SKU #: **D104859**

Version: **1**

Analysis #: **661227**

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

| Parameter                                                                 | Limit Values          | Result                |
|---------------------------------------------------------------------------|-----------------------|-----------------------|
| Purity(Iodometric Titration)                                              | 98.5-101.5 (%)        | 99.50000 %            |
| Purity(HPLC)                                                              | 98-100 (%)            | 99.02000 %            |
| Melting point                                                             | 41-45 (°C)            | 43.56000 °C           |
| Appearance (D104859)                                                      | White Solid           | White Solid           |
| Infrared spectrum                                                         | Conforms to Structure | Conforms to Structure |
| Solubility, Colorless to faint yellow, clear (50 mg/mL, H <sub>2</sub> O) | pass                  | Pass                  |



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