

Certificate of Analysis

Date of Testing: 2022-06-20 15:32:36
Date of Next Testing: 2026-06-19 15:32:36
Product Name: **DL-Dithiothreitol**
CAS Number: 3483-12-3
Specifications & Purity: 99%
Lot #: F2210380
SKU #: **D104859**
Analysis: **087129**
Storage Temperature: Store at 2-8°C, Argon charged

| Parameter | Limit Values | Result |
|---|-----------------------|-----------------------|
| Purity(Iodometric Titration) | 99-103 (%) | 99.05 % |
| Purity(HPLC) | 98-100 (%) | 99.01900 % |
| Melting point | 41-45 (°C) | 43.99000 °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 ₂ O) | pass | Pass |



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