

Certificate of Analysis

Date of Testing: 2025-04-08 16:30:44

Date of Next Testing: 2029-04-07 16:30:44

Product Name: **DL-Dithiothreitol**

CAS Number: 3483-12-3

Specifications & Purity: $\geq 99\%$

Lot #: D2501283

SKU #: **D104859**

Version: **0**

Analysis #: **494487**

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

Parameter	Limit Values	Result
Purity(Iodometric Titration)	98.5-101.5 (%)	99.90 %
Purity(HPLC)	98-100 (%)	99.83900 %
Melting point	41-45 (°C)	42.43000 °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



John Su
QA & QC Manager