

Certificate of Analysis

Date of Testing: 2023-11-29 13:31:05
Date of Next Testing: 2027-11-28 13:31:05
Product Name: **DL-Dithiothreitol**
CAS Number: 3483-12-3
Specifications & Purity: 99%
Lot #: K2327166
SKU #: **D104859**
Analysis: **021645**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(Iodometric Titration)	99-103 (%)	99.60%
Purity(HPLC)	98-100 (%)	98.96000%
Melting point	41-45 (°C)	43.08000 °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