

Certificate of Analysis

Date of Testing: 2024-10-18 15:27:37
Date of Next Testing: 2028-10-17 15:27:37
Product Name: **DL-Dithiothreitol**
CAS Number: 3483-12-3
Specifications & Purity: $\geq 99\%$
Lot #: J2416223
SKU #: **D104859**
Version: **0**
Analysis #: **197328**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(Iodometric Titration)	99-103 (%)	99.41%
Purity(HPLC)	98-100 (%)	99.44800 %
Melting point	41-45 (°C)	43.98000 °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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QA & QC Manager