

Certificate of Analysis

Date of Testing: 2025-02-13 15:27:42
Date of Next Testing: 2027-02-13 15:27:42
Product Name: **D-Threitol**
CAS Number: 2418-52-2
Specifications & Purity: $\geq 95\%$
Lot #: D23261080
SKU #: **S136137**
Version: **0**
Analysis #: **471740**

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	97.00000 %
Specific Rotation $[\alpha]_{20/D(c=2 \text{ in } -15 \rightarrow -9 \text{ } ^\circ \text{ EtOH})}$		-9.70 °
Melting point	88-90 (°C)	89.00000 °C
Appearance (S136137)	White to Light Brown Powder,Crystals,Solid,Chunks	White to Light Brown Powder,Crystals,Solid,Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager