

Certificate of Analysis

Date of Testing: 2025-08-26 16:08:15

Date of Next Testing: 2027-08-26 16:08:15

Product Name: **D-Threitol**

CAS Number: 2418-52-2

Specifications & Purity: $\geq 95\%$

Lot #: F1822147

SKU #: **S136137**

Version: **0**

Analysis #: **559528**

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	98.50000 %
Specific Rotation $[\alpha]_{20/D(c=2 \text{ in } -15 \rightarrow -9 \text{ } ^\circ \text{ EtOH})}$		-14.07 °
Melting point	88-90 (°C)	88.20000 °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



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QA & QC Manager