

Certificate of Analysis

Date of Testing: 2025-04-10 15:46:23
Date of Next Testing: 2029-04-09 15:46:23
Product Name: **L-O-Phosphoserine (L-SOP)**
CAS Number: 407-41-0
Specifications & Purity: Moligand™, ≥98%(T)
Lot #: C2527656
SKU #: **S161191**
Version: **0**
Analysis #: **485000**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Neutralization titration)	98-100 (%)	98.90 %
Specific Rotation [α] ₂₀ /D(c=1 in 2M HCL)	15.4-16.7 (°)	16.35 °
Appearance (S161191)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure



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QA & QC Manager