

Certificate of Analysis

Date of Testing: 2023-01-29 15:52:27

Date of Next Testing: 2026-01-28 15:52:27

Product Name: **a-D-Mannose-1-phosphate sodium salt**

CAS Number: 99749-54-9

Specifications & Purity: 95%

Lot #: A2314012

SKU #: **A334075**

Analysis: **172958**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	95-100 (%)	98.10 %
Specific Rotation [α] ₂₅ /D(c=1 in H ₂ O)	36-45 (°)	36.01°
ICP:Confirms Na component	Confirmed	Confirmed
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
31P NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager