

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-26 09:59:12

Date of Next Testing: 2028-04-25 09:59:12

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

CAS Number: 99749-54-9

Specifications & Purity: $\geq 95\%$

Lot #: D2523352

SKU #: **A334075**

Version: **1**

Analysis #: **489006**

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

Parameter	Limit Values	Result
Purity(HPLC area)	95-100 (%)	99.90000 %
Specific Rotation $[\alpha]_{25/D(c=1 \text{ in H}_2\text{O})}$	36-45 (°)	38.85000 °
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
ICP: Confirms Na component	Confirmed	Confirmed
31P NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager