

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-28 14:23:48  
Date of Next Testing: 2028-05-27 14:23:48  
Product Name: **Poly(L-arginine hydrochloride)**  
CAS Number: 26982-20-7  
Specifications & Purity:  
Lot #: E2520559  
SKU #: **P489891**  
Version: **1**  
Analysis #: **451448**  
Storage Temperature: Protected from light, Store at -20°C, Argon charged

Parameter	Limit Values	Result
PDI of starting material by GPC	1-1.2	1.02000
Molecular Number by NMR	5200-6400	6400.00000
degree of polymerization	27-33	33.00000
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility, Clear solution at 50 mg/mL of water	Pass	Pass
Appearance(P489891-02)	White to faint-yellow solid	White to faint-yellow solid



John Su  
QA & QC Manager