

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-28 13:13:41
Date of Next Testing: 2028-05-27 13:13:41
Product Name: **Poly(L-aspartic acid sodium salt)**
CAS Number: 34345-47-6
Specifications & Purity:
Lot #: E2520487
SKU #: **P489921**
Version: **1**
Analysis #: **451435**
Storage Temperature: Protected from light,Store at -20°C,Argon charged

| Parameter | Limit Values | Result |
|--|-----------------------|-----------------------|
| Na(Quantitative analysis) | 13-17 (%) | 14.80000 % |
| PDI by GPC | 1.00-1.20 | 1.04000 |
| MN by NMR | 6200-7500 | 7500.00000 |
| DPn by NMR | 45-55 | 55.00000 |
| Appearance(White to faint-yellow solid) | Pass | Pass |
| Solubility,Clear solution at 50 mg/mL of water | Pass | Pass |
| NMR Spectrum 1H | Conforms to structure | Conforms to Structure |



John Su
QA & QC Manager