

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-11-17 18:40:57

Date of Next Testing: 2025-11-16 18:40:57

Product Name: **Poly-(L-lysine)**

CAS Number: 28211-04-3

Specifications & Purity:  $\geq 95\%$

Lot #: K2215708

SKU #: **P303210**

Version: **2**

Analysis #: **144402**

Storage Temperature: Protected from light, Room temperature, Desiccated

| Parameter                   | Limit Values          | Result                |
|-----------------------------|-----------------------|-----------------------|
| Assay(dry basis)            | 97-100 (%)            | 99.52000 %            |
| Loss on drying              | 0-5 (%)               | 3.80000 %             |
| Ignition Residue            | 0-2 (%)               | 0.23000 %             |
| Lead(Pb)                    | 0-1 (ppm)             | 0.14000 ppm           |
| (As)Arsenic                 | 0-0.5 (ppm)           | 0.00000 ppm           |
| Purity(with Total Nitrogen) | 95-102.5 (%)          | 99.00000 %            |
| Proton NMR spectrum         | Conforms to Structure | Conforms to Structure |
| Appearance (P303210)        | White to cream powder | White to cream Powder |



John Su  
QA & QC Manager