

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-29 13:00:33  
Date of Next Testing: 2024-03-28 13:00:33  
Product Name: **L-Glutamic acid polymer**  
CAS Number: 25513-46-6  
Specifications & Purity: molecular weight $\leq$ 100000 Da  
Lot #: C23231026  
SKU #: **P420080**  
Analysis: **195610**

| Parameter           | Limit Values                             | Result                                   |
|---------------------|------------------------------------------|------------------------------------------|
| mol wt average MW   | $\leq$ 100000                            | 100000.00                                |
| Appearance(P420080) | White to off-white Powder,crystals,solid | White to off-white Powder,crystals,solid |
| NMR Spectrum 1H     | Conforms to Structure                    | Conforms to Structure                    |



John Su  
QA & QC Manager