

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

|                          |                                                                                       |
|--------------------------|---------------------------------------------------------------------------------------|
| Date of Testing:         | 2026-06-15 11:25:49                                                                   |
| Date of Next Testing:    | 2027-06-15 11:25:49                                                                   |
| Product Name:            | Recombinant Human Neuroligin 4/NLGN4 Protein                                          |
| Lot #:                   | ZJ24F1113626                                                                          |
| SKU #:                   | rp149320                                                                              |
| Version:                 | 1                                                                                     |
| Analysis #:              | 037114                                                                                |
| Source:                  | Recombinant                                                                           |
| Specifications & Purity: | Animal Free, Carrier Free, Bioactive, High performance, ActiBioPure™, ≥95% (SDS-PAGE) |
| Concentration:           |                                                                                       |
| Formulation:             | Lyophilized                                                                           |
| Reconstitution:          | Reconstitute in sterile water to a concentration of 0.1-0.5 mg/ml.                    |
| Storage Conditions:      | Store at -20°C, Avoid repeated freeze-thaw cycles                                     |
| Analysis:                | 037114                                                                                |

| Parameter                                                           | Limit Value              | Result                   |
|---------------------------------------------------------------------|--------------------------|--------------------------|
| Molecular Weight                                                    | 85.5-104.5(kD)           | 99.80000 kD              |
| Purity(SDS-PAGE)                                                    | 95-100(%)                | 100.00000 %              |
| Appearance(rp149320)                                                | White lyophilized powder | White lyophilized powder |
| Endotoxin Level <0.1 EU/μg                                          | Conform                  | Conform                  |
| E13 chick embryonic dorsal root ganglia (DRG) neurons proliferation | Conform                  | Conform                  |



Sophia Cheng  
Quality Assurance