

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

|                          |                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date of Testing:         | 2026-06-17 17:23:00                                                                                                                                                                                                                                                                                                                                                                     |
| Date of Next Testing:    | 2027-06-17 17:23:00                                                                                                                                                                                                                                                                                                                                                                     |
| Product Name:            | Recombinant Human Thymosin beta 4 Protein                                                                                                                                                                                                                                                                                                                                               |
| Lot #:                   | ZJ23F0600472                                                                                                                                                                                                                                                                                                                                                                            |
| SKU #:                   | rp152337                                                                                                                                                                                                                                                                                                                                                                                |
| Version:                 | 3                                                                                                                                                                                                                                                                                                                                                                                       |
| Analysis #:              | 037681                                                                                                                                                                                                                                                                                                                                                                                  |
| Source:                  | Recombinant                                                                                                                                                                                                                                                                                                                                                                             |
| Specifications & Purity: | Animal Free, Carrier Free, Bioactive, Azide Free, ActiBioPure™, PBS Only, ≥97%(SDS-PAGE&HPLC)                                                                                                                                                                                                                                                                                           |
| Concentration:           |                                                                                                                                                                                                                                                                                                                                                                                         |
| Formulation:             | Lyophilized                                                                                                                                                                                                                                                                                                                                                                             |
| Reconstitution:          | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom.<br>Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions. |
| Storage Conditions:      | Store at -20°C, Avoid repeated freeze-thaw cycles                                                                                                                                                                                                                                                                                                                                       |
| Analysis:                | 037681                                                                                                                                                                                                                                                                                                                                                                                  |

| Parameter                   | Limit Value              | Result                   |
|-----------------------------|--------------------------|--------------------------|
| Molecular Weight            | 3.9-5.9(kD)              | 5.10000 kD               |
| Purity(SDS-PAGE)            | 97-100(%)                | 98.10000 %               |
| Appearance(rp152337)        | White lyophilized powder | White lyophilized powder |
| Endotoxin Level <1 EU/μg    | Conform                  | Conform                  |
| Activity(ED50: 0.5-10μg/mL) | Conform                  | Conform                  |



Sophia Cheng  
Quality Assurance