

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

|                          |                                                                                                                                                                                                                                                                                                                           |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date of Testing:         | 2026-07-13 15:37:45                                                                                                                                                                                                                                                                                                       |
| Date of Next Testing:    | 2027-07-13 15:37:45                                                                                                                                                                                                                                                                                                       |
| Product Name:            | Recombinant Human Activin A Protein                                                                                                                                                                                                                                                                                       |
| Lot #:                   | ZJ24F1214757                                                                                                                                                                                                                                                                                                              |
| SKU #:                   | rp156334                                                                                                                                                                                                                                                                                                                  |
| Version:                 | 1                                                                                                                                                                                                                                                                                                                         |
| Analysis #:              | 039088                                                                                                                                                                                                                                                                                                                    |
| Source:                  | Recombinant                                                                                                                                                                                                                                                                                                               |
| Specifications & Purity: | Animal Free, Carrier Free, PBS Only, ≥95% (SDS-PAGE)                                                                                                                                                                                                                                                                      |
| Concentration:           |                                                                                                                                                                                                                                                                                                                           |
| Formulation:             | Lyophilized                                                                                                                                                                                                                                                                                                               |
| Reconstitution:          | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom.<br>Reconstitute at 0.5 mg/mL in sterile distilled water. 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:                | 039088                                                                                                                                                                                                                                                                                                                    |

| Parameter                  | Limit Value               | Result                    |
|----------------------------|---------------------------|---------------------------|
| Molecular Weight of Band 1 | 10.8-16.2 (kD)            | 13.69000 kD               |
| Molecular Weight of Band 2 | 33.6-49.1(kD)             | 39.78000 kD               |
| Molecular Weight of Band 3 | 47.3- 61.3(kD)            | 54.90000 kD               |
| Purity(SDS-PAGE)           | 95-100(%)                 | 95.50000 %                |
| Appearance(rp156334)       | White to off-white powder | White to off-white powder |
| Endotoxin Level <1 EU/μg   | Conform                   | Conform                   |



Sophia Cheng  
Quality Assurance