

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

|                          |                                                                                                  |
|--------------------------|--------------------------------------------------------------------------------------------------|
| Date of Testing:         | 2026-07-15 11:36:30                                                                              |
| Date of Next Testing:    | 2027-07-15 11:36:30                                                                              |
| Product Name:            | Recombinant Human IL-1 alpha/IL-1F1 Protein                                                      |
| Lot #:                   | ZJ24F1214939                                                                                     |
| SKU #:                   | rp147340                                                                                         |
| Version:                 | 1                                                                                                |
| Analysis #:              | 039365                                                                                           |
| Source:                  | Recombinant                                                                                      |
| Specifications & Purity: | Animal Free, Carrier Free, Bioactive, Azide Free, 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:                | 039365                                                                                           |

| Parameter                  | Limit Value              | Result                   |
|----------------------------|--------------------------|--------------------------|
| Molecular Weight           | 18.9-23.1(kD)            | 22.10000 kD              |
| Purity(SDS-PAGE)           | 95-100(%)                | 99.00000 %               |
| Activity(ED50)             | 1-10(ng/ml)              | 6.00000 ng/ml            |
| Appearance(rp147340)       | White lyophilized powder | White lyophilized powder |
| Endotoxin Level <0.1 EU/μg | Conform                  | Conform                  |



Sophia Cheng  
Quality Assurance