

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

|                          |                                                                                                     |
|--------------------------|-----------------------------------------------------------------------------------------------------|
| Date of Testing:         | 2026-04-13 11:37:58                                                                                 |
| Date of Next Testing:    | 2028-04-12 11:37:58                                                                                 |
| Product Name:            | Recombinant Human IL-19 Protein                                                                     |
| Lot #:                   | ZJ24F0505978                                                                                        |
| SKU #:                   | rp147456                                                                                            |
| Version:                 | 1                                                                                                   |
| Analysis #:              | 033941                                                                                              |
| Source:                  | Recombinant                                                                                         |
| Specifications & Purity: | Animal Free, Carrier Free, Bioactive, Azide Free, High performance, ActiBioPure™, ≥95%(SDS-PAGE)    |
| Concentration:           |                                                                                                     |
| Formulation:             | Lyophilized                                                                                         |
| Reconstitution:          | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25mg/mL. |
| Storage Conditions:      | Store at -20°C, Avoid repeated freezing and thawing                                                 |
| Analysis:                | 033941                                                                                              |

| Parameter                | Limit Value              | Result                   |
|--------------------------|--------------------------|--------------------------|
| Molecular Weight         | 15.4-23.0(kD)            | 22.90000 kD              |
| Purity(SDS-PAGE)         | 95-100(%)                | 100.00000 %              |
| Activity(ED50)           | 0-2(ng/ml)               | 1.76000 ng/ml            |
| Appearance(rp147456)     | White lyophilized powder | White lyophilized powder |
| Endotoxin Level < 1EU/μg | Conform                  | Conform                  |



Sophia Cheng  
Quality Assurance