

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

|                          |   |
|--------------------------|---|
| Date of Testing:         | 2025-10-30 16:25:11   |
| Date of Next Testing:    | 2026-10-30 16:25:11   |
| Product Name:            | Recombinant Human IL-12 Protein   |
| Lot #:                   | ZJ24F0303500  |
| SKU #:                   | rp184356  |
| Version:                 | 2   |
| Analysis #:              | 025591  |
| Source:                  | Recombinant   |
| Specifications & Purity: | Animal Free, Carrier Free, Bioactive, Azide Free, High performance, ActiBioPure™, ≥90%(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 freezing and thawing   |
| Analysis:                | 025591  |

| Parameter                | Limit Value               | Result                    |
|--------------------------|---------------------------|---------------------------|
| Molecular Weight         | 27.0-49.5(kD)             | 40.00000 kD               |
| Purity(SDS-PAGE)         | 90-100(%)                 | 100.00000 %               |
| Activity(ED50)           | 0.01-0.05(ng/ml)          | 0.02000 ng/ml             |
| Appearance(rp184356)     | White to off-white powder | White to off-white powder |
| Endotoxin Level <1 EU/μg | Conform                   | Conform                   |
| IL-12B Ab binding        | Conform                   | Conform                   |



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 Sophia Cheng  
 Quality Assurance