

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

|                          |  |
|--------------------------|--|
| Date of Testing:         | 2023-06-16 09:31:24  |
| Date of Next Testing:    | 2024-06-15 09:31:24  |
| Product Name:            | Recombinant Mouse Prolactin Protein  |
| Lot #:                   | ZJ23F0600332   |
| SKU #:                   | rp154542   |
| Version:                 | 1  |
| Analysis #:              | 000447   |
| Source:                  | Recombinant  |
| Specifications & Purity: | Animal Free, >98%(SDS-PAGE and HPLC), Active, E.coli, No tag, 30-226 aa  |
| Concentration:           |  |
| Formulation:             | Lyophilized  |
| Reconstitution:          | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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 freezing and thawing  |
| Analysis:                | 000447   |

| Parameter                  | Limit Value              | Result                   |
|----------------------------|--------------------------|--------------------------|
| Molecular Weight           | 20.2-24.6(kD)            | 22.40000 kD              |
| Purity(SDS-PAGE)           | 98-100(%)                | 98.71000 %               |
| Activity(ED50)             | 0-1(ng/ml)               | 0.60200 ng/ml            |
| Appearance(rp154542)       | White lyophilized powder | White lyophilized powder |
| Endotoxin Level <0.1 EU/μg | Conform                  | Conform                  |



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 Sophia Cheng  
 Quality Assurance