

ALADDIN SCIENTIFIC CORPORATION
14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-20 11:12:42
 Date of Next Testing: 2026-11-19 11:12:42
 Product Name: Recombinant Mouse FGF-21 Protein
 SKU #: rp153970
 Lot #: ZJ23F1101655
 Source: Recombinant
 Specifications & Purity: Animal Free, >96%(SDS-PAGE, HPLC), Active, E.coli, No tag, 29-210 aa
 Concentration:
 Formulation: Lyophilized
 Reconstitution: This vial must be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in a sterile aqueous buffer to an appropriate concentration. Stock solutions should be apportioned into working aliquots and stored at $\leq -20^{\circ}\text{C}$. Further dilutions should be made in appropriate buffered solutions.
 Storage Conditions: Store at -20°C , Avoid repeated freezing and thawing
 Analysis: 001762

| Parameter | Limit Value | Result |
|--|----------------------------------|---------------------------------|
| Molecular Weight | 17.9-21.9(kD) | 21.90000 kD |
| Purity(SDS-PAGE) | 96-100(%) | 96.10000 % |
| Activity(ED50) | 0-0.5($\mu\text{g}/\text{ml}$) | 0.25000 $\mu\text{g}/\text{ml}$ |
| Appearance(rp153970) | White lyophilized powder | White lyophilized powder |
| Endotoxin Level <0.1 EU/ μg | Conform | Conform |



Sophia Cheng
Quality Assurance