

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-02-05 15:43:47  
Date of Next Testing: 2025-02-04 15:43:47

Product Name: Recombinant Human MMP-1 Protein  
SKU #: rp176239  
Lot #: ZJ24F0102689

Source: Recombinant  
Specifications & Purity: Animal Free, >95% (SDS-PAGE), Active, 293F cell, His tag, 20-469 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. 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  $-20^{\circ}\text{C}$ , Avoid repeated freezing and thawing  
Analysis: 003181

Parameter	Limit Value	Result
Purity(SDS-PAGE)	95-100(%)	96.40000 %
Molecular Weight	46.0-61.6(kD)	52.80000 kD
Appearance(rp176239)	White to off-white powder	White to off-white powder
MMP-1 Ab binding	Conform	Conform
Endotoxin Level <1 EU/ $\mu\text{g}$	Conform	Conform



Sophia Cheng  
Quality Assurance