

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2023-04-29 14:59:18
Date of Next Testing:	2026-04-28 14:59:18
Product Name:	Recombinant Human IL-11 Protein
SKU #:	rp147371
Lot #:	ZJ23F0400122
Source:	Recombinant
Specifications & Purity:	Animal Free, >96% (SDS-PAGE,HPLC), Active, E. coli, No tag, 22-199 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
Analysis:	000305

Parameter	Limit Value	Result
Molecular Weight	17.2-21.0(kD)	18.90000 kD
Purity(SDS-PAGE)	97-100(%)	97.10000 %
Activity(ED50)	0-2(ng/ml)	1.32500 ng/ml
Appearance(rp147371)	White lyophilized powder	White lyophilized powder
Endotoxin Level <0.01 EU/ μg	Conform	Conform



 Sophia Cheng
 Quality Assurance