

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

## Certificate of Analysis

Date of Testing:	2023-07-03 13:12:59
Date of Next Testing:	2026-07-02 13:12:59
Product Name:	Recombinant Human IL-13 Protein
SKU #:	rp147396
Lot #:	ZJ23F0600483
Source:	Recombinant
Specifications & Purity:	Animal Free, >98% (SDS-PAGE,HPLC), Active, E. coli, No tag, 35-146aa
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 $-20^{\circ}\text{C}$ , Avoid repeated freezing and thawing
Analysis:	000290

Parameter	Limit Value	Result
Molecular Weight	10-15(kD)	10.80000 kD
Purity(SDS-PAGE)	98-100(%)	100.00000 %
Activity(ED50)	0-2.5(ng/ml)	1.10900 ng/ml
Appearance(rp147396)	White lyophilized powder	White lyophilized powder
Endotoxin Level <0.01 EU/ $\mu\text{g}$	Conform	Conform



-----  
 Sophia Cheng  
 Quality Assurance