

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2025-12-12 16:56:33
Date of Next Testing:	2026-12-12 16:56:33
Product Name:	Recombinant Human Carbonic Anhydrase XII Protein
Lot #:	ZJ25F0217640
SKU #:	rp143573
Version:	2
Analysis #:	027372
Source:	Recombinant
Specifications & Purity:	Animal Free, Carrier Free, Bioactive, ActiBioPure™, ≥95% (SDS-PAGE)
Concentration:	
Formulation:	Lyophilized
Reconstitution:	Reconstitute in sterile water to a concentration of 0.1-0.5 mg/ml.
Storage Conditions:	Store at -20°C, Avoid repeated freezing and thawing
Analysis:	027372

Parameter	Limit Value	Result
Molecular Weight	34.2-45.1(kD)	37.00000 kD
Purity(SDS-PAGE)	95-100(%)	99.00000 %
Appearance(rp143573)	White lyophilized powder	White lyophilized powder
Endotoxin Level <0.1 EU/μg	Conform	Conform
Specific Activity >10 pmol/min/μg	Conform	Conform



Sophia Cheng
Quality Assurance