

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2026-03-16 10:49:21
Date of Next Testing:	2027-03-16 10:49:21
Product Name:	Recombinant Human TGF-beta 1 Protein
Lot #:	ZJ24F0809874
SKU #:	rp152261
Version:	1
Analysis #:	032280
Source:	Recombinant
Specifications & Purity:	Animal Free, Carrier Free, Bioactive, High performance, ActiBioPure™, ≥95%(SDS-PAGE)
Concentration:	0.98mg/mL
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:	032280

Parameter	Limit Value	Result
Molecular Weight of Band 1	10.4-15.6(kD)	11.70000 kD
Molecular Weight of Band 2	37.8-46.2(kD)	40.99000 kD
Molecular Weight of Band 3	54.0-66.0(kD)	55.00000 kD
Purity(SDS-PAGE)	95-100(%)	95.00000 %
Activity(ED50)	<10(ng/ml)	0.60000 ng/ml
Appearance(rp152261)	White lyophilized powder	White lyophilized powder
Endotoxin Level <0.1 EU/μg	Conform	Conform



Sophia Cheng
Quality Assurance