

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-05-19 23:52:51
Date of Next Testing: 2027-05-19 23:52:51

Product Name: Recombinant Human TGF-beta 1 Protein
Lot #: ZJ25F0724442
SKU #: rp156015
Version: 1
Analysis #: 035232
Source: Recombinant
Specifications & Purity: Animal Free, Carrier Free, Bioactive, ActiBioPure™, ≥95% (SDS-PAGE), See COA

Concentration:
Formulation: Lyophilized
Reconstitution: We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute at 1.0 mg/mL in sterile distilled water. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.

Storage Conditions: Store at -20°C, Avoid repeated freeze-thaw cycles
Analysis: 035232

Parameter	Limit Value	Result
Molecular Weight of Band 1 (R)	13.5-15.7(kD)	13.50000 kD
Molecular Weight of Band 2 (R)	36.5-44.7(kD)	41.00000 kD
Molecular Weight of Band 3 (R)	47.8-58.4(kD)	51.00000 kD
Molecular Weight of Band 1 (N)	94.7-115.7(kD)	105.00000 kD
Purity(SDS-PAGE)	95-100(%)	97.00000 %
Activity(ED50)	<88(ng/ml)	82.00000 ng/ml
Appearance(rp156015)	White to off-white powder	White to off-white powder
Endotoxin Level <1 EU/μg	Conform	Conform



Sophia Cheng
Quality Assurance