

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2026-06-11 08:14:57
Date of Next Testing:	2028-06-10 08:14:57
Product Name:	RNase A
Lot #:	ZJ26F0636305
SKU #:	R1522663
Version:	1
Analysis #:	035802
Source:	Native
Specifications & Purity:	Bioactive, ActiBioPure™, High performance, EnzymoPure™, DNase free, Native, Suitable for Molecular Biology, ≥85% (SDS-PAGE), from Bovine Pancreas; ≥80 Kunitz U/mg enzyme powder
Concentration:	
Formulation:	Lyophilized
Reconstitution:	Reconstitute in 50 mM Tris-HCl (pH 7.4), 50% Glycerol.
Storage Conditions:	Store at -20°C, Avoid repeated freeze-thaw cycles
Analysis:	035802

Parameter	Limit Value	Result
Appearance (R1522663)	Lyophilized powder	Lyophilized powder
Purity (SDS-PAGE) ≥85%	Conform	Conform
Enzyme activity (enzyme powder): ≥80 Kunitz U/mg	Conform	Conform
Functional Test: 1 µg RNA incubated with 5 ng RNase A in a 10 µL system at 37 °C for 1 h achieves complete RNA digestion.	Conform	Conform
DNase Activity: 15 ng dsDNA fragments incubated with 10 µg RNase A in a 20 µL system at 37 °C for 16 h shows no dsDNA degradation.	Conform	Conform



Sophia Cheng
Quality Assurance