

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-01-10 10:54:13
Date of Next Testing: 2025-01-09 10:54:13
Product Name: **E. coli Poly(A) Polymerase**
CAS Number:
Specifications & Purity: Pharmaceutical grade
Lot #: G2203239
SKU #: **E406458**
Analysis: 312633
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
PH	7.0-8.0	7.91
Enzyme activity	4900-5100 (IU/ml OR u/ml)	5000.00 IU/ml OR u/ml
Purity(HPLC)	95-100 (%)	99.00000 %
Endonuclease Residue(004-Dna Degradation)	≤10 (%)	4.90000 %
Exonuclease Residue(019 The Degradation Of HindIII-DNA)	≤10 (%)	4.50000 %
Rnase Residue(Degradation Of 293-RNA)	≤10 (%)	0.50000 %
Endotoxin Content Of Aspergillus	≤10 (EU/mg)	6.80000 EU/mg
Host DNA Residue	≤100 (mg/g)	70.00000 mg/g
Host Protein Residue	≤50 (ppm)	48.00000 ppm
Heavy metals	≤10 (ppm)	3.90 ppm
Appearance(E406458)	colorless liquid	Colorless liquid
Mycoplasma Detection	negative	Negative



John Su
QA & QC Manager