

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-29 16:19:58

Date of Next Testing: 2024-07-28 16:19:58

Product Name: **DNase I**

CAS Number: 9003-98-9

Specifications & Purity: Recombinant, PharmPure™, endotoxin tested, EnzymoPure™, ≥95%, 1.8KU/ml-2.2KU/ml

Lot #: G2327352

SKU #: **D406460**

Version: **2**

**Analysis #:** **251048**

Storage Temperature: Store at -20°C

| Parameter                             | Limit Values              | Result                   |
|---------------------------------------|---------------------------|--------------------------|
| pH                                    | 7.0-8.0                   | 7.70000                  |
| Activity                              | 1800-2200 (IU/ml OR u/ml) | 2000.00000 IU/ml OR u/ml |
| Purity                                | ≥95 (%)                   | 100.00000 %              |
| Rnase Residue(Degradation Of 293-RNA) | ≤10 (%)                   | 4.20000 %                |
| Host Protein Residue                  | ≤50 (ppm)                 | 36.00000 ppm             |
| Heavy metal residue                   | ≤10 (ppm)                 | 6.00000 ppm              |
| Exogenous DNA residue                 | ≤100(μg/kg OR ng/g)       | 0.01000 μg/kg OR ng/g    |
| Bacterial endotoxins                  | 0-5 (EU/ml)               | 5.00000 EU/ml            |
| Appearance(D406460)                   | Clear liquid              | Clear liquid             |
| Visible Foreign Body                  | Compliance                | Compliance               |
| Mycoplasma Detection                  | Feminine                  | Feminine                 |



John Su  
QA & QC Manager