

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

|                          |                                                                                                     |
|--------------------------|-----------------------------------------------------------------------------------------------------|
| Date of Testing:         | 2026-05-12 15:52:44                                                                                 |
| Date of Next Testing:    | 2027-05-12 15:52:44                                                                                 |
| Product Name:            | <b>Proteinase K Solution (40 mg/mL)</b>                                                             |
| CAS Number:              | 39450-01-6                                                                                          |
| Specifications & Purity: | BioReagent, DNase, RNase free, Suitable for Molecular Biology, Sterile, ≥95%(Native-PAGE), 40 mg/mL |
| Lot #:                   | ZJ26F0535350                                                                                        |
| SKU #                    | <b>P1520269</b>                                                                                     |
| Version:                 | <b>1</b>                                                                                            |
| Analysis #:              | 033636                                                                                              |

| Parameter                | Limit Value                    | Result                         |
|--------------------------|--------------------------------|--------------------------------|
| Enzyme Activity          | ≥1800(U/ml)                    | 2184.50000 U/ml                |
| Protein Content          | ≥40(mg/ml)                     | 41.80000                       |
| Seal Integrity Testing   | Conform                        | Conform                        |
| Appearance(P1520269)     | Fine, clear colorless solution | Fine, clear colorless solution |
| Purity(SDS-PAGE) ≥95%    | Conform                        | Conform                        |
| DNA <40 ppm              | Conform                        | Conform                        |
| RNA <40 ppm              | Conform                        | Conform                        |
| RNase residue <0.04 U/mL | Conform                        | Conform                        |
| DNase residue <4 U/mL    | Conform                        | Conform                        |
| Bioburden                | None detected                  | None Detected                  |



Sophia Cheng  
Quality Assurance