# CERTIFICATE OF ANALYSIS

## PROTEINASE K, *RECOMBINANT*

**Catalogue No:** 800-030-**

**Lot No:** 800030046

**Exp.Date:** 04/2026

**MSDS:** Available upon request

**Shipping:** Ambient

**Storage:** Store at -20°C for long-term. Product is stable at 2 to 8C for up to 1 year. Protect from light and moisture. Store in tightly sealed vial.

**CAS#:** [39450-01-6]

**F.W.:** 29 300

| TEST | RESULTS |
|---|---|
| Appearance | White to off-white lyophilized solid |
| Solubility | 30 mg/ml in 50mM Tris-HCl, 3mM $CaCl_2$, 50% Glycerol, pH 7.5 |
| Activity (≥ 30.0 U/mg) | 44.7 U/mg dry weight |
| Purity (SDS-PAGE) | 99% |
| RNase and DNase | None detected |

*CAUTION: For research use only. Not for human or drug use. The pharmacological an toxicological properties of this product have not been fully investigated. Use caution when handling.*