

Certificate of Analysis

PRODUCT:	Proteinase K (recombinant), Molecular Grade, PCR grade- SOLID [Endopeptidase K] M.W. 29,300; CAS# [39450-01-6]; E.C. # 3.4.21.64
PRODUCT NUMBER:	P-1264
LOT NUMBER:	L1445
APPEARANCE:	White to off-white lyophilized solid with no additives
SOLUBILITY:	30 mg/ml in 50mM Tris-HCl (pH 7.5), 3mM CaCl ₂ , 50% Glycerol
PURITY (SDS-PAGE):	99%
SPECIFIC ACTIVITY:	43.6 U/mg (≥30.0 U/mg)
RNase ACTIVITY:	None detected
DNase ACTIVITY:	None detected
STORAGE & HANDLING:	Store desiccated at +4°C. Store in tightly sealed vial. <u>WARNING: HARMFUL! IRRITANT!</u> CAUTION: For research use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: KLS