

## Certificate of Analysis

<b>PRODUCT:</b>	<b>Proteinase K (recombinant), Molecular Grade, PCR grade- SOLID</b> [Endopeptidase K] M.W. 29,300; CAS# [39450-01-6]; E.C. # 3.4.21.64
<b>PRODUCT NUMBER:</b>	P-1264
<b>LOT NUMBER:</b>	L1222
<b>APPEARANCE:</b>	White to off-white lyophilized solid with no additives
<b>SOLUBILITY:</b>	30 mg/ml in 50mM Tris-HCl (pH 7.5), 3mM CaCl <sub>2</sub> , 50% Glycerol
<b>PURITY (SDS-PAGE):</b>	99%
<b>SPECIFIC ACTIVITY:</b>	32.1 U/mg (≥30.0 U/mg)
<b>RNase ACTIVITY:</b>	None detected
<b>DNase ACTIVITY:</b>	None detected
<b>STORAGE &amp; HANDLING:</b>	Store desiccated at +4°C. Store in tightly sealed vial.

**WARNING: HARMFUL! IRRITANT!**

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