

CERTIFICATE of ANALYSIS

PRODUCT:	Proteinase K, <i>Tritirachium album</i> [Endopeptidase K] M.W. 28,500; CAS# [39450-01-6]; E.C. # 3.4.21.14
PRODUCT NUMBER:	P-1265
LOT NUMBER:	J1072I
APPEARANCE:	White to off-white lyophilized solid
SOLUBILITY:	50mM Tris-HCl, 2mM calcium acetate, pH 8.0
ACTIVITY:	31.3 U/mg (≥ 30.0 U/mg)
SPECIFIC ACTIVITY:	44.0 U/mgP (≥ 40.0 U/mgP)
UNIT DEFINITION:	One unit is defined as the amount of enzyme that will liberate 1.0 μ mol tyrosine from casein per minute at 37°C, pH 7.5.
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