

CERTIFICATE OF ANALYSIS

Proteinase K from Tritirachium album
solution 20 mg solid/ml, min. 600 U/ml

Cat.No. : 33755
Contr.No.: P210294

Parameter	Method	Specification	Result
Molecular weight	Proteinase K	ca. 28 000	
Appearance		colorless solution in 50 % glycerol, cont. 20 mM Tris, 1 mM CaCl ₂ , pH ca. 7.4	corresponds
Activity (U/ml)	milliAnson	min. 600	corresponds
Concentration (mg solid/ml)		20	20
UV/Vis-spectrum		correspond to reference	corresponds
Extraneous activities	DNase RNase	not detectable not detectable	corresponds corresponds
Minimum shelf life			02.09.2023
Storage (°C)			-15 to -25

Unit definitions

One mAnson-Unit is that amount of enzyme which liberates Folin-positive amino acids and peptides, corresponding to 1 µmol tyrosine per minute at 37°C and pH 7.4 using urea-denaturated hemoglobin as substrate.

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