



# Certificate of Analysis

**Product Name:** Proteinase K  
**Cat #:** P-480  
**CAS #:** 39450-01-6  
**Lot #:** Lot Specific  
**Retest Date<sup>†</sup>:** Lot Specific  
**Storage:** Store at -20°C.

Test	Specs	Results
Appearance	White lyophilized powder	Complies
Activity (dry weight) (37°C)	≥30 U/mg	Complies
DNase	None	Complies
RNase	None	Complies
Purity	≥95%	Complies

Unit Definition: One unit is defined as the amount of enzyme that will liberate 1.0 μmol tyrosine from casein per minute at 37°C, pH 7.5.  
Source: Yeast cells with cloned gene encoding Engyodontium album (Tritirachium album) endolytic protease.

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† If provided, the Certificate of Analysis (COA) retest date corresponds to the recommended storage conditions provided on the COA. If no retest date is shown, the shelf-life for products is 2 years after purchase when stored according to COA recommendations. Retest dates are not rigid, and often only serve an informational purpose. COA retest dates are supplied by the manufacturer; however, GoldBio product labels may contain different storage recommendations to extend the life of the product beyond the manufacturer retest date or 2 years from purchase.

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