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Business Hours : 9am-5pm M-F

## Certificate of Analysis

Product Name: Proteinase K Recombinant, PCR Grade  
Peptidase K, Endoproteinase K, Endopeptidase K

**Product Number:** CP-F5025R  
**Batch Number:** 0720001  
**Brand:** ChemPure Chemicals  
**CAS Number:** 39450-01-6  
**EC Number:** 3.4.21.64  
**Source:** Sequence of *Tritirachium. album*, purified from recombinant source  
**Molecular Weight:** 29.3 kDa  
**Quality Release Date:** July 1, 2020  
**Retest Date:** July , 2023

Test	Specification	Result
Appearance (Color)	White to off-white lyophilized powder	Conforms
Purity	> or = 98%	99.1
Activity	> or = 30.0 U/mg powder	42 U/mg powder
Specific Activity	> or = 40.0 U/mg protein	55 U/mg protein
DNase	Not detected	Conforms
RNase	Not detected	Conforms

Application: Stock solution can be prepared as a 20 - 40 mg/mL solution in 50mM Tris-HCl (pH 7.5), 3mM CaCl<sub>2</sub>, 50% Glycerol.

Store at -20C

ChemPure Chemicals warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [chempurebrand.com](http://chempurebrand.com). For further inquiries, please contact Customer Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.