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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: 14151673
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: October 31, 2022
Retest Date: April 21, 2024

Test	Specification	Result
Appearance (Color)	White to off-white lyophilized powder	Conforms
Purity	> or = 90%	90
Activity	> or = 30.0 U/mg powder	53 U/mg powder
Specific Activity	> or = 40.0 U/mg protein	43 U/mg protein
pH	5.0 - 7.0	5.9
DNase	Not detected	Conforms
RNase	Not detected	Conforms
BSE / TSE Free	BSE / TSE Free	Passed
Grade	PCR	Passed

Application: Stock solution can be prepared as a 20 - 40 mg/mL solution in 50mM Tris-HCl (pH 7.5), 3mM CaCl₂, 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. 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.