

Product Datasheet

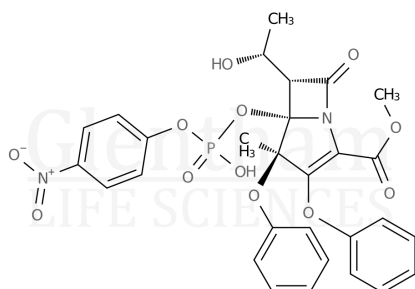
GE0990 - Proteinase K

Product Details

Product Name	Proteinase K
Glenthams Code	GE0990
CAS Number	39450-01-6
EINECS	254-457-8
MDL Number	MFCD00132129
Related Categories	Biochemicals, Raw Materials (IVD), Enzymes

Structure

Molecular Weight	: -
Molecular Formula	: -



Precautionary Codes

P302+P350,
P305+P351+P338, P261,
P342+P311

Pictograms



Glenthams Product Specification

Physical Description	: White or almost white lyophilized powder
Solubility	: $\geq 20\text{mg/ml}$ in water
DNA	: $\leq 10\text{ pg/mg enzyme}$
DNase	: Not detected
RNase	: Not detected
Protein Content	: $\geq 70\%$ (based on absorbance at 280nm)
Activity	: $\geq 30\text{units/mg}$ (pH 7.5, 37°C, dried basis)
Version	: v1.0

About Proteinase K

One unit will hydrolyze urea-denatured hemoglobin to produce color equivalent to 1.0 μmol (181 mg) of tyrosine produced per minute at pH 7.5 at 37°C.

Storage

Recommended storage temperature: -20°C.

Hazards and Transport

Not classified as dangerous for transport.

CLP Classification Skin Irr. 2, Eye Irr. 2A,
Resp. Sens. 1, STOT SE 3, STOT SE 3

Signal Word Danger

Hazard Codes H315, H319, H334, H335,
H336

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