

High Purity Subtilisin A

Product Information

Cat#	DIA-536
Source	Bacillus licheniformis
Description	High purity protease (subtilisin A from Bacillus licheniformis) (liquid) for use in research, biochemical enzyme assays and in vitro diagnostic analysis.
Form	Solution
CAS No.	9014-01-1
Activity	~ 6 U/mg of protein (40 °C, pH 8.0 on casein)
Unit Definition	One unit will hydrolyse casein to produce colour equivalent to one µmole (181 µg) of tyrosine per minute at pH 7.0 at 40 °C.
Storage	2–8 °C
Synonyms	Subtilisin; subtilisin A
Enzyme Commission Number	EC 3.4.21.62
Stability	> 1 year under recommended storage conditions
Optimum temperature	60 °C
Buffer	50% (v/v) glycerol
Molecular Weight	30250 Da
Specificity	Hydrolysis of proteins with broad specificity for peptide bonds, and a preference for a large uncharged residue in P1. Hydrolyses peptide amides.