

Alkalophilic proteinase from Streptomyces sp

Product Code: 172102

EC: 3.4.21

SKU: 172102

Category: [Enzymes](#)

PRODUCT DESCRIPTION

SPECIFICATIONS

EC 3.4.21

Product name: Alkaline protease

Appearance White amorphous powder lyophilized

Activity Grade I, 20 U/mg-solid or more

Stabilizers Ca++

Stability Stable at $\pm 20^{\circ}\text{C}$ for at least 12 months

Molecular weight approx. 50,000

Isoelectric point 8.7

Inhibitors Diisopropyl fluorophosphate, EDTA

Optimum pH > 12

Optimum temperature 60 °C

pH Stability pH 5.0–11.5 (25°C, 24hr)

Thermal stability below 50°C (pH 8.3, 15 min)