

## Protease Subtilisin A

### P755356

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**Storage temperature:** -20°C.

#### Introduction:

High purity Protease (Subtilisin A from *Bacillus licheniformis*) (Powder) for use in research, biochemical enzyme assays and in vitro diagnostic analysis.

#### Properties:

##### 1. ELECTROPHORETIC PURITY:

- Single major band on SDS-PAGE (MW = 30,250); minor bands at MW < 30,000
- Single major band on isoelectric focusing (pI 8.8); minor band at pI 9.3

##### 2. PHYSICOCHEMICAL PROPERTIES:

- pH Optima: 7.0-7.5 (60% of maximal activity at pH 6.0)
- pH Stability: 5.5-10.0
- Temperature Optima: 60°C
- Temperature Stability: < 60°C

This enzyme is suitable for use in AOAC INTERNATIONAL Total Dietary Fiber analytical procedures and is recommended for AOAC 2001.03.