

PROTEASE SUBTILISIN A (from *Bacillus licheniformis*) POWDER

08/23

Non-recombinant

E-BSPRPD

EC: 3.4.21.62

Synonyms: subtilisin; subtilisin A

CAS: 9014-01-1

Refer to the product lot number Certificate of Analysis for lot specific properties.

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

3. STORAGE CONDITIONS:

The enzyme is supplied in powder form. Stable for > 4 years below -10°C.

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

Once dissolved, store frozen between use.