

## Immobilized Pepsin on F7m

Cat. No. NATE-1766

Lot. No. (See product label)

### Introduction

#### Description

Pepsin is an endopeptidase. It hydrolyses proteins and peptides favorably adjacent to aromatic and dicarboxylic L-amino acid residues, preferentially phenylalanine and leucine but not next to valine, alanine, and glycine. Pepsin is not stable above pH 6. 0. F7m: 1. 0 mg pepsin (16 m Anson) immobilized on polyvinyl per CR-column (1 m Anson unit is equivalent to 1  $\mu$ mole of Foline-positive amino acids calculated as tyrosine released from denaturated hemoglobin per minute at 37. 5°C at pH 2; this mAnson unit is equivalent to ca. 180 D-A280 units). Nr. 40 Storage buffer : 50 mM glycine, 10% (v/v) glycerol, pH 4. 0 Nr. 33 Reaction buffer: 20 mM Na acetate, pH 4. 7. Nr. 34 Washing buffer: 20 mM Na acetate, 1. 0 M NaCl, pH 4. 7

#### Synonyms

EC 3. 4. 23. 1; pepsin; lactated pepsin; pepsin fortior; fundus-pepsin; elixir lactate of pepsin; P I; lactated pepsin elixir; P II; pepsin R; pepsin D; Pepsin A

### Product Information

#### Source

Porcine mucosa

#### EC Number

EC 3. 4. 23. 1

### Storage and Shipping Information

#### Storage

4 °C