

## Immobilized Pepsin on G3m

Cat. No. NATE-1767

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. G3m: 25 µg pepsin (0.4 m Anson) immobilized on dextran per CR-column, (1 m Anson unit is equivalent to 1 µmole 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). Storage buffer: 50 mM glycine, 10% (v/v) glycerol, pH 4. 0 Reaction buffer: 20 mM Na acetate, pH 4. 7. 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