

## AL783, Alpha-Amylase, porcine

EC 3.2.1.1

**SOURCE.** Porcine pancreas.

**SPECIFICATIONS.** 3X crystallized. Soluble powder containing 15% sucrose as stabilizer. Also contains approximately 0.5% salts; Tris and CaCl.

Store at 5°C. Stable 9-12 months.

MW approximately 52,000

1500-1800 units per mg of protein.

1200-1450 units per mg of solid.

One unit will liberate 1  $\mu$ M of reducing groups equivalent to maltose per minute at pH 6.9 and 25°C.

Substrate is soluble starch.

Contains less than 0.01% trypsin activity on the substrate BAPNA.

**PREPARATION.** Prepared by dialysis and lyophilization of 3X crystallized alpha-amylase (EPC No. A663).