

## Certificate of Analysis

### Product Description

**Product:** Porcine pancreatic elastase  
**Catalog Number:** IPPE  
**Description:** Chromatographically prepared from the euglobin fraction of porcine pancreas by the method of Lewis et al. (1) then twice crystallized. Supplied as a salt free lyophilized powder that is free of trypsin and chymotrypsin. 95percent pure by SDS-PAGE. Reconstitute with 0.05M Na Acetate 0.1M NaCl pH 5.0 to 1 mg/ml or desired concentration, aliquot and freeze remaining portion. Assay: 5-10 ug in 0.1M Tris pH 8.8 at 37°C containing 0.2mM Suc-(Al)3-pNA.  
**References**  
1. Lewis, U.J. et al. (1956) J. Biol. Chem. 22:705  
**Source:** Porcine pancreas  
**Molecular Weight:** 25,500

### Sample Characteristics

**Lot Number:** SAMPLE  
**Aliquot:** 1 x 10 mg  
**Concentration:** Lyophilized  
**Buffer:** Salt free  
**Form:** Lyophilized powder  
**Specific activity:** 135 U/mg on substrate elastin-orcein (570 nm)

### Shipping Information

**Recommended Storage:** 4 C  
**Shipping Conditions:** Cold pack  
**Minimum Shelf Life:** 12 months from delivery

For In Vitro laboratory use only