



CERTIFICATE OF ANALYSIS

PRODUCT NAME:	ELASTASE Porcine
ACTIVITY:	Typically > 4.5 u/mg powder
CAS NO:	39445-21-1
CAT. NO:	I345-10
EC NO:	3.4.21.36
FORM:	Lyophilized
PROTEIN:	Typically > .25 mg Protein/mg
SOURCE:	Porcine (pig) Pancreas
SYNONYMS:	Pancreatopeptidase E

Porcine elastase Unit Definition: One unit will hydrolyze 1.0 micromole of succinyl-ala-ala-ala-p-nitroanilide per minute at pH 8.0 @ 37C

Porcine Elastase Research:

Hyaluronan Blocks Porcine Pancreatic Elastase-Induced Mucociliary Dysfunction in Allergic Sheep. Elastase REF: J Appl Physiol. 2007 Mar 29/elastase.

Porcine elastase study: Crystallization and Preliminary Diffraction Studies of Porcine Pancreatic Elastase in Complex with a Novel Inhibitor. Elastase REF:Protein and Peptide Letters, Volume 14, Number 1, January 2007, pp. 93-95(3)/elastase.

Porcine (pig) elastase study: On the specificity of porcine elastase. Elastase REF:Biochim Biophys Acta. 1975 Dec 18;410(2):421-5/elastase.

Porcine elastase study: Amino-acid Sequence