

Product:	ELASTASE
Product code:	E2
E.C. number:	3.4.21.36
CAS number:	39445-21-1
EINECS number:	254-453-6
Systematic name:	None listed.
Alternative names:	Pancreatopeptidase E; Pancreatic elastase I.
Source:	Porcine pancreas
Form:	A freeze-dried material
Storage conditions:	Store desiccated at -15°C or below. Allow to come to room temperature before opening. Before returning to storage, re-desiccate under vacuum over silica gel for a minimum of four hours. Re-seal before returning to -15°C or below.
Unit definition:	That amount of enzyme causing the hydrolysis of one micromole of <i>N</i> -acetyl-tri-L-alanine methyl ester per minute at 25°C and pH 8.5.
Activity:	Not less than 200 U/mg material .
Solubility:	Dissolves readily at 5mg/ml in 0.05M potassium phosphate buffer, pH 7.4, to give a clear solution.