

Product:	PEPSIN
Product code:	PEP2
E.C. number:	3.4.23.1
CAS number:	9001-75-6
EINECS number:	232-629-3
Alternative name:	Pepsin A
Source:	Porcine stomach mucosa
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 activity causing an increase in extinction of 0.001 per minute at 280nm and 37°C under conditions of assay.
Activity:	Not less than 2500U/mg material (activity equivalent to approximately 1:50,000 as defined by the British Pharmacopoeia 1993)
Solubility:	Dissolves readily at 0.5mg/ml in 0.01M HCl to give a clear solution.