

Native Porcine Trypsin 1:250 Tissue Culture Grade

Catalog No.	CSI19709A	Quantity:	25 g
	CSI19709B		100 g
	CSI19709C		1 kg

Description: Trypsin is a serine protease found in the digestive system of many vertebrates, where it hydrolyzes proteins. It is produced in the pancreas as the inactive proenzyme, Trypsinogen. Trypsin is one of the three principal digestive proteinases, the other two being Pepsin and Chymotrypsin.

Trypsin 1:250 powder is an irradiated mixture of proteases derived from porcine pancreas. Due to its digestive strength it is widely used for cell dissociation, during routine cell culture passaging, and primary tissue dissociation.

CAS #: 9002-07-7

Source: Porcine Pancreas

Molecular Weight: 23,476 daltons

Formulation: Lyophilized Tissue Culture Grade

Appearance: White to off-white powder

Biological Activity: ~300 U/mg, lot specific, defined as one unit of this product will digest 250 parts casein in the USP activity assay.

Loss on Drying: ≤ 0.5% (USP), lot specific

Note: Negative for *Staphylococcus aureus*, *Pseudomonas aeruginosa* and *Salmonella sp.*

Storage & Stability: **Store at 2-8°C** for up to 1 year. Protect from moisture.

GMO Statement: This product does not contain any genetically modified component material.

Certification: The animal source of this product was collected at a USDA licensed establishment. The animals received ante and post-mortem health inspections at the abattoir by a US FSIS inspector and they were apparently free from infectious and contagious diseases.

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

