



87063

a-Chymotrypsinogen A (5x cryst) ex. Bovine Pancreas, 45U/mg

Part B

CAS : 9035-75-0

Specifications

Appearance (Colour)	White to off white
Appearance (Form)	Powder
Activity	min. 45 units/mg protein
Protein content	~91%
Unit Definition	(After activation to Chymotrypsin) One unit is that amount of enzyme causing a decrease in absorbance at 237 nm of 0.0075 per minute at pH 7.0 at 25°C using N-Acetyl-L-Tyrosine Ethyl Ester (ATEE) as a substrate.
Enzyme solution for activity determination	Prepared in 1 mM HCl.

Other Information

Application

A serine protease that hydrolyzes peptide bonds with aromatic or large hydrophobic side chains (Tyr, Trp, Phe, Met) on the carboxyl end of the peptide bond. Chymotrypsinogen from bovine pancreas is a zymogen containing 5 disulfide bridges and requires limited proteolysis for its activation. Chymotrypsinogen A may be activated by trypsin and chymotrypsin (autolytic activation) to form ?, ?, ? , ? , and ? chymotrypsin (depending upon the conditions of activation).

General Information

Storage	-20 °C (Blue/Dry Ice)
Shelf Life	60 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
1 Gms	35079099 (GST 18%)
100 Mg	35079099 (GST 18%)
250 Mg	35079099 (GST 18%)
5 Gms	35079099 (GST 18%)

Available Packages

100 Mg

250 Mg

1 Gms

5 Gms

Disclaimer

The information represented here may/may not represent the entire product specification, application or protocol recommended by Sisco Research Laboratories Pvt. Ltd. (SRL). This information is for the user scientists or trading community as a guide in their applications. The company claims no liability for misuse resulting due to wrong usage of the information above. For actual batch related documents, mail us.

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road, Chakala, Andheri (E), Mumbai - 400 099, Maharashtra, India. Telephone: +91-22-4268 5800, Email: info@srchem.com, website www.srchem.com
