



35085

a-Chymotrypsin ex. Bovine Pancreas, 40 U/mg protein

Part B

CAS : 9004-07-3

Specifications	
Appearance (Colour)	White to off white
Appearance (Form)	Crystalline powder
Solubility (Turbidity) 0.1% aq. solution	Clear
Solubility (Colour) 0.1% aq. solution	Colourless to pale yellow
Activity	min. 40 BTEE units/mg protein min. 7500 ATEE units/mg powder min. 1000 USP units/mg powder
Protein content	min. 70%
Unit Definition	1) One unit of ? chymotrypsin will hydrolyze 1.0 µmole of BTEE per minute at pH 7.8 at 25°C (1 BTEE unit = 29.5 NF/USP unit). 2) One unit of ? chymotrypsin will hydrolyze 1.0 micromole of ATEE per minute at pH 7.0 at 25 °C (1 NF/USP unit = 7.5 ATEE units).
Enzyme solution for activity determination	Prepared in 0.001 N HCl

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%)
250 Mg	35079099 (GST 18%)
5 Gms	35079099 (GST 18%)
500 Mg	35079099 (GST 18%)

Available Packages	
25 Mg	
250 Mg	
1 Gms	
5 Gms	

Disclaimer

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