


# Specification



## α-Chymotrypsin from bovine pancreas Grade II

A3787

<b>Synonym</b>	[E.C. 3.4.21.1]
<b>origin</b>	from bovine pancreas
<b>additional product description</b>	supplied as salt-free, freeze-dried powder
<b>M</b>	~25000 g/mol
<b>CAS-No.:</b>	9004-07-3
<b>HS-No.:</b>	35079090
<b>EC-No.:</b>	232-671-2
<b>Storage:</b>	-20°C
<b>LGK:</b>	10 - 13
<b>R:</b>	36/37/38-42
<b>S:</b>	22-24-26-36/37
	irritant, sensitizing
<b>WGK:</b>	1
<b>Specification</b>	* as % of chymotrypsin activity
<b>Activity</b>	min. 1000 Units/mg
<b>Bacterial plate count</b>	< 10000 organisms/g
<b>Trypsin *</b>	max. 2.5 %
<b>Comment</b>	Unit definition: That amount of enzyme that causes a decrease in absorbance at 237 nm of 0.0075 per minute at 25°C resulting from the hydrolysis of ATEE (NF/USP unit).