

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications

Catalogue Number 01783

Product **α -Chymotrypsin from bovine pancreas**
a-chymotrypsin A and B

CAS Number 9004-07-3

Unit Definition One Unit hydrolyzes one micromole of Benzoyl-L-tyrosine ethyl ester per minute at 25 °C, pH 7.8 in the presence of ionized calcium.
1 BTEE unit = 29.5 USPNF units.

Appearance White to off-white solid

Protein Determination $\geq 94\%$

Assay ≥ 35 u/mg Protein (Enzymatic assay)

Storage Store at ≤ -15 °C

Additional Information Trypsin : $\leq 1.30\%$
u/mg dw : ≤ 76
Crystallized as zymogen and activated.
Dialyzed against 1 mM HCl and lyophilized.

For Laboratory Use Only