

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	01783
<b>Lot Number</b>	001249-3112876
<b>Product</b>	<b><math>\alpha</math>-Chymotrypsin from bovine pancreas</b> $\alpha$ -chymotrypsin A and B
<b>CAS Number</b>	9004-07-3

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<b>Unit Definition</b>	One Unit hydrolyzes one micromole of Benzoyl-L-tyrosine ethyl ester per minute @ 25 °C. pH 7.8 in the presence on ionized calcium. 1 BTEE unit = 29.5 USPNF units.
<b>Appearance</b>	Solid
<b>Protein Determination</b>	95%
<b>Assay</b>	66.0 u/mg (Enzymatic assay)
<b>Storage</b>	Store at $\leq -15^{\circ}\text{C}$
<b>Additional Information</b>	Trypsin percentage: 0.88% u/mg dw: 62.7 Crystallized as zymogen and activated. Dialyzed against 1 mM HCl and lyophilized.
<b>Remarks</b>	See material safety data sheet for additional information  For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
**Quality Control Manager**