

Recombinant Bovine Trypsin

Certificate of Analysis and Data Sheet

➤ Source: Corn	➤ Catalog No. PRO-313
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➤ **Description :**

Recombinant Bovine Trypsin is free from any animal and human sources.

Recombinant Bovine Trypsin is purified by proprietary chromatographic techniques.

➤ **Physical Appearance:**

Sterile Filtered clear solution.

➤ **Formulation:**

Recombinant Bovine Trypsin solution (0.8mg/ml) contains 0.01% EDTA pH-7.4.

➤ **Stability:**

Recombinant Bovine Trypsin although stable at 4° C for 3 weeks, should be stored desiccated below -18° C. For long-term storage it is recommended to add a carrier protein (0.1% HSA or BSA).

Please avoid freeze-thaw cycles.

➤ **Purity:**

Greater than 95.0% as determined by:

(a) Analysis by RP-HPLC.

(b) Anion-exchange FPLC.

(c) Analysis by reducing and non-reducing SDS-PAGE Silver Stained gel.

➤ **Dimers and aggregates:**

Less than 1% as determined by silver-stained SDS-PAGE gel analysis.

➤ **Biological Activity:**

This Recombinant Bovine Trypsin is fully biologically active when compared to standard. The activity was tested by TAME method and was found to be 200-220 TAME-Units/ml.

➤ **Endotoxin:**

Less than 0.1 ng/μg (IEU/μg) of rTrypsin.

➤ **Usage:**

This material is offered for research, laboratory or further evaluation purposes.