

CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: A50188H **Lot #:** 3B05422

Description: Human Trypsin

Source: Human Pancreas

Format: Purified, Lyophilized
Reconstitute in 105µL 2 mM HCl. If product is needed to be used at a neutral pH, do not adjust until just prior to use.

Purification: > 95% pure (SDS-PAGE).
Shows no chymotrypsin activity when assayed against N-succinyl-L-alanyl-L-alanyl-L-prolyl-L-phenylalanine-p-nitroanilide.

Concentration: Total Protein: 0.952mg/mL (prior to lyophilization).
Activity: > 2.5 units per mg protein. One unit is defined as the amount of enzyme that hydrolyzes one µmole of N-Benzyl-L-arginine-pNA per minute at ambient temperature (21-24°C) in 200 mM Tris-HCl, pH 7.8, 20 mM Calcium Chloride.

Buffer: Not Applicable

Preservative: None

Application: Specific methodologies have not been tested using this product.

Storage: Store lyophilized product at -20°C. After reconstitution, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Quality Signature: 

24 FEB 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY