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Certificate of Analysis

Product Trypsin
Source Bovine Pancreas
Country of Manufacture USA
All products from animal sources are produced from starting material of USDA-approved origin, collected in United States Department of Agriculture (USDA) or equivalent approved facilities, inspected to be free of disease and suitable for exportation. Certificates of Origin are available upon request.
Storage Store at 2-8°C. PROTECT FROM MOISTURE.
Code TRL3
Lot Number
Re-Assay Date
Description Supplied as a chromatographically purified, diafiltered and lyophilized powder.
Unit Definition One Unit hydrolyzes one micromole of TAME per minute at 25°C, pH 8.2, in the presence of ionized calcium.

<u>Parameter</u>	<u>Result</u>	<u>Acceptance Criteria</u>
u/mgP	247	≥180 units per mg protein
u/mg dw	245	Report assay value.
% Protein	99%	≥85%
% Chymotrypsin	0.013%	≤0.02%

Worthington Biochemical Corporation, the producer of the above specified product, certifies that all lots of DNase, RNase and Trypsin are subjected to a pH of less than 3.0 for greater than five (5) hours during processing.

Approved by: Thomas R. Ryan, Quality Control Manager (signature on file)

Date: 6/11/20