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[www.worthington-biochem.com](http://www.worthington-biochem.com)

## 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 TRL  
Lot Number  
Re-Assay Date  
Description Supplied as a dialyzed 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	204	≥180 units per mg protein
u/mg dw	200	Report assay value.
% Protein	98%	Report assay value.
% Chymotrypsin	1.54%	Report assay value.

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

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

Date: 11/19/20