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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