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## Certificate of Analysis

Product Carboxypeptidase B  
Source Porcine 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 -20°C.  
Code COBC  
Lot Number  
Re-Assay Date  
Description Chromatographically purified. A solution in 100mM sodium chloride. Chymotrypsin and trypsin 0.02%.  
Unit Definition One Unit hydrolyzes one micromole of hippuryl-L-arginine per minute at 25°C, pH 7.65.

<u>Parameter</u>	<u>Result</u>	<u>Acceptance Criteria</u>
u/mgP	178	≥170 units per mg protein
mgP/ml	22.0	Report assay value.
u/ml	3,920	Report assay value.
% Chymotrypsin	None detected	≤0.02%
% COA	0.76%	≤2.0%
% Trypsin	0.013%	≤0.02%

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

Date: 11/18/20