

### Certificate of Analysis

Product	Carboxypeptidase B, PMSF Treated
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	COBPMS
Lot Number	
Re-Assay Date	
Description	A solution in 100mM sodium chloride. PMSF treated to inhibit tryptic and chymotryptic activities. Chymotrypsin and trypsin are less than 0.02%.
Unit Definition	1 unit hydrolyzes 1 µmole of hippuryl-L-arginine per minute at 25°C, pH 7.65.

<u>Parameter</u>	<u>Result</u>	<u>Acceptance Criteria</u>
u/mgP	171	≥70 units per mg protein
u/ml	4,290	Report assay value.
mgP/ml	25.1	Report assay value.
% COA	0.95%	≤2.0%
% Chymotrypsin	None detected	≤0.02%
% Trypsin	0.018%	≤0.02%