



OXFORD BIOMEDICAL RESEARCH

## Product Specification Sheet

Bovine Plasmin  
Product Number: PL 26  
Aliquot: 1.0 mg  
Lot Number: pl26.406A  
Storage: -70°C

<b>DESCRIPTION:</b>	Bovine plasmin is prepared from isolated plasminogen via activation with immobilized uPA.
<b>MOLECULAR WEIGHT:</b>	83 kDa
<b>CONCENTRATION:</b>	5.62 mg/mL determined spectrophotometrically.
<b>STORAGE BUFFER:</b>	0.1 M HEPES; 0.1 M NaCl; pH 7.4
<b>STORAGE:</b>	-70°C. <b>AVOID REPEATED FREEZE THAWS.</b>
<b>PURIFICATION:</b>	Plasminogen is prepared by Lysine Sepharose Chromatography then activated by reaction with immobilized uPA. The active plasmin was purified by SBTI agarose and eluted with benzamidine to ensure activity. The benzamidine was removed by G-25 gel filtration and frozen immediately as the final preparation.
<b>ACTIVITY:</b>	The preparation as provided exhibits 100% theoretical activity with a greater than >95% actual activity.
<b>NOTE:</b>	Plasmin will readily undergo proteolysis in the absence of benzamidine and should be used quickly once thawed.