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Certificate of Analysis

Product: Bovine Plasminogen – BPLG

Date: 4 November, 2003

Lot: BPLG-1103

Molecular Weight: 92,000 by SDS PAGE

Physical Specifications:

Physical Appearance: colorless frozen solution

Solubility: > 2 mg/mL and < 5 mg/mL

Spectrophotometric Data:

Ultraviolet: Absorbance (280nm) = 5.92 $\epsilon^{0.1\%}$ = 1.69
Active Concentration = 3.5 mg/mL

Activity:

No plasmin activity detected with the chromogenic substrate S-2251. >98% conversion to plasmin is observed upon activation with human uPA.

Considerations:

Storage Conditions: Store frozen at -70°C – stability > 1yr
Buffer Composition: 0.1 M HEPES; 0.1 M NaCl; 1 mM EDTA; pH 7.4
Other: > 98% pure by SDS PAGE

Duane E. Day

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