

Molecular Innovations, Inc.

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Certificate of Analysis

Product: Human Factor XI – HFXI

Date: July, 1999

Lot: HFXI-799

Molecular Weight: 160,000 Non-reduced; 80,000 Reduced

Physical Specifications:

Physical Appearance: colorless frozen solution

Solubility: > 2 mg/mL

Spectrophotometric Data:

Ultraviolet: Absorbance (280nm) = 0.485 $\epsilon^{0.1\%} = 1.31$
Concentration = 0.37 mg/mL

Considerations:

Storage Conditions: Store frozen at -70°C – stability > 1yr

Buffer Composition: 4 mM Sodium Acetate; 0.15 M NaCl; pH 5.3

Other: > 95% pure by SDS PAGE

Purified from Human Plasma that was tested and found negative for HIV-1, HIV-2, Hepatitis B Surface antigen and HCV. Donors are screened for CJD (Creutzfeldt-Jakob Disease).

Duane E. Day

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