

Molecular Innovations, Inc.

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Certificate of Analysis

Product: Human Fibrinogen, Plasminogen Depleted – FIB

Date: June, 2002

Lot: FIB-1-2790PL

Molecular Weight: 340,000 by SDS PAGE

Physical Specifications:

Physical Appearance: white powder

Solubility: > 2 mg/mL

Spectrophotometric Data:

Concentration = 44.64 mg/mL before lyophilization

Considerations:

Storage Conditions: Store at 4°C – stability > 1yr
Buffer Composition: 20 mM Sodium Citrate-HCl; pH7.4

The Human Fibrinogen is homogenous as judged on a 4-20% gradient gel and is greater than 95% clottable. The plasminogen was depleted using affinity chromatography. The above protein was purified from Human plasma that was tested and found negative for all communicable diseases, including HIV-1, HIV-2, Hepatitis B Surface antigen and HCV. Donors are screened for Creutzfeldt-Jakob Disease. We suggest hydrating the protein to the original volume with 37C distilled water/buffer. The hydration should take place in a 37C water bath to ensure all protein solubilizes. After hydration, aliquot and freeze the unused portion at –80C.

Duane E. Day

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