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Certificate of Analysis

Product: Bovine Vitronectin (Urea Prepared)

Date: June, 2001

Lot: BVN-601B

Molecular Weight: ~68,000 by SDS PAGE, Reducing Conditions

Physical Specifications:

Physical Appearance: colorless frozen solution

Solubility: > 2 mg/ml

Spectrophotometric Data:

Ultraviolet: Absorbance (280nm) = $3.86 \epsilon^{0.1\%} = 1.38$
Concentration = 2.8 mg/ml

Considerations:

Storage Conditions: Store frozen at -70°C – stability > 1yr
Buffer Composition: 0.05 M Sodium Phosphate; 0.15 M NaCl; pH 7.4
Other: > 95% pure by SDS PAGE

Preparation:

Prepared by denaturing methods:
Hayastu et. Al Biology of Vitronectins and their Receptors – Elsevier
Science Publishers.

Duane E. Day

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