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Certificate of Analysis

Product: ECOTIN – (E. coli protein)

Date: September, 2002 **Lot:** ECO

Molecular Weight: 16,096 (monomer)

Physical Specifications:

Physical Appearance: colorless frozen solution

Solubility: > 2 mg/mL

Spectrophotometric Data:

Ultraviolet: Absorbance (280nm) = $2.57 \epsilon_{280} M^{-1} cm^{-1} = 2.2 \times 10^4$
Concentration = 1.88 mg/mL = 117 μ M

Kinetic Data:

1:1 inhibition of trypsin (mole per mole)

Considerations:

Storage Conditions: Store frozen at -70°C – stability > 1yr
Buffer Composition: 1mM HCl
Other: > 98% pure by SDS PAGE