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# Certificate of Analysis

**Product:** ECOTIN – (E. coli protein)

**Date:** September, 2002      **Lot:** ECO-799

**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  $\mu M$

**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

*Duane E. Day*

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