

# Chem-Impex International, Inc.

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## Certificate of Analysis

**Catalogue Number** 04988  
**Lot Number** 000201-3717  
**Product** ***N*<sup>α</sup>-Fmoc-*N*<sup>ε</sup>-biotinyl-L-lysine**

Fmoc-L-Lys(biotinyl)-OH

**CAS Number** 146987-10-2  
**Molecular Formula** C<sub>31</sub>H<sub>38</sub>N<sub>4</sub>O<sub>6</sub>S

**Molecular Weight** 594.7

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**Appearance** White to off-white powder  
**Solubility** Clearly soluble (0.5 mmole in 3 mL NMP)  
**Kaiser Test** Negative  
**Purity by HPLC** HPLC(265 nm) = 99.10% HPLC(220 nm) = 99.27%; HPLC = Lichrospher C8; 125 x 4 mm; Gradient: A = 0.1% TFA in water; B = 0.1% TFA in acetonitrile, 20% B to 100% B in 30 min  
**Purity by TLC** > 99%  
**Storage** Store at 2-8 °C  
**Remarks** See material safety data sheet for additional information  
For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
**Quality Control Manager**