

CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-294921 Lot Number: SAMPLE

 $\begin{array}{lll} \mbox{Product Name:} & \mbox{Fmoc-L-Lys(N3)-OH} \\ \mbox{CAS Number:} & 159610-89-6 \\ \mbox{Molecular Formula:} & \mbox{C_{21}H$}_{22}\mbox{$N_4$}\mbox{$O_{4}$} \\ \mbox{Molecular Weight:} & 394.42 \\ \end{array}$

| Test | Specification | Result | |
|--------------------------------------|---------------------------|-----------------|--|
| Appearance | | Off-white solid | |
| Enantiomeric Purity (HPLC) | | >99% | |
| Identification (¹ H-NMR) | Consistent with structure | Complies | |
| Identification (Infrared Spectrum) | Consistent with structure | Complies | |
| Purity (HPLC) | | 99.0% | |
| Melting Point | | 94 ± 1 °C | |
| Residual Solvents | | 0.1% (w/w) | |

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.