



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-319833
Lot Number: SAMPLE
Product Name: Atto 565-Biotin
CAS Number: N/A
Molecular Formula: $C_{46}H_{57}ClN_6O_{10}S$
Molecular Weight: 921.50

Test	Specification	Result
Appearance (Color)	Deep violet to black-blue	Deep violet
Appearance (Form)	Powder	Complies
Purity (HPCE)	$\geq 90.0\%$	93.3%
Solution (Color)	Deep red to deep violet at 2 mg/mL in DMF	Complies
Solution (Turbidity)	Clear (visual) at 2 mg/mL in DMF	Clear at 2 mg/mL in DMF
Emission Spectrum	590 ± 5 nm	590 nm
Luminescence	Ex: 565 nm in 0.1 M Phosphate pH 7.0	Complies

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.

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