



## CERTIFICATE OF ANALYSIS

**Catalog Number** L161A  
**Product Name** Cy5 Streptavidin  
**Lot Number** AB161L1

|  | LOT DATA            | SPECIFICATION                        |
|--|---------------------|--------------------------------------|
| <b>Absorption</b><br>Maximum<br>Degree of Labeling                             | 650 nm<br>3         | 651 ± 5 nm<br>2 - 4                  |
| <b>Fluorescence</b><br>Emission Maximum<br>Relative Quantum Yield <sup>1</sup> | 666 nm<br>1.5       | 665 ± 5 nm<br>≥1.0                   |
| <b>Microscopy</b><br>Immunocytochemistry <sup>2</sup>                          | meets specification | Good staining, negligible background |
| <b>Purity</b> <sup>3</sup><br>TLC  | meets specification | No free dye detected                 |

1. Quantum yield determined relative to 7-hydroxy-9H-(1,3-dichloro-9,9-dimethylacridin-2-one) (DDAO).
2. Cell staining performed using a primary antibody specific for cell type, and this product.
3. Solvent: acetonitrile/water (4/1).