



CERTIFICATE OF ANALYSIS

Catalog Number L159A
Product Name Andy Fluor™ 647 Streptavidin
Lot Number AB159L1

	LOT DATA	SPECIFICATION
Absorption Maximum Degree of Labeling	650 nm 3	653 ± 5 nm 2 - 4
Fluorescence Emission Maximum Relative Quantum Yield ¹	666 nm 1.5	668 ± 5 nm ≥1.0
Microscopy Immunocytochemistry ²	meets specification	Good staining, negligible background
Purity ³ 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).