

CERTIFICATE OF ANALYSIS

Catalog Number L156A
Product Name Andy Fluor™ 488 Streptavidin
Lot Number AB156L1

	LOT DATA	SPECIFICATION
Absorption Maximum Degree of Labeling	495 nm 4	495 ± 5 nm 3 - 6
Fluorescence Emission Maximum Relative Quantum Yield ¹	520 nm 0.5	520 ± 5 nm ≥0.3
Microscopy Immunocytochemistry ²	meets specification	Good staining, negligible background
Purity ³ TLC	meets specification	No free dye detected

1. Quantum yield determined relative to fluorescein at pH 8.0.
2. Cell staining performed using a primary antibody specific for cell type, and this product.
3. Solvent: acetonitrile/water (4/1).