

Catalog Number S866
Product Name streptavidin, R-phycoerythrin conjugate (SAPE) *1 mg/mL*
Appearance pink solution
Medium 0.1 M NaPi, 0.1 M NaCl, pH 7.5, 5 mM azide
Lot Number 2129894

	LOT DATA	SPECIFICATION
ABSORPTION		
Maximum	566 nm	568 ± 5 nm
Ratio $\lambda_{\text{max}}/280$ nm	3.7	3.0 – 4.0
FLUORESCENCE		
Emission Maximum	575 nm	575 ± 5 nm
Relative Quantum Yield ¹	2.4	≥ 2.0
MICROSCOPY		
Immunocytochemistry ²	meets specification	good microtubule staining, negligible background

1. Quantum yield determined relative to rhodamine 504.

2. Staining of bovine pulmonary artery endothelial (BPAE) cells with biotinylated anti-tubulin antibody and this product.



Rachel Smith, Quality Assurance Manager

21-Jun-2019

Life Technologies Corporation, on behalf of its Invitrogen business, Molecular Probes® labeling and detection technologies, certifies on the date above that this is an accurate record of the analysis of the subject lot and that the data conform to the specifications in effect for this product at the time of analysis.