

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: PHYCOLINK® STREPTAVIDIN R-PHYCOERYTHRIN  
 PRODUCT CODE: PJRS27  
 LOT NUMBER: 746 025  
 BUFFER: 10 mM Tris-HCl, 150 mM NaCl (pH 8.2)  
 PRESERVATIVE: 1 µg/ml pentachlorophenol  
 STORAGE: Store at 2 - 8°C in the dark. DO NOT FREEZE.

PhycoPro™ R-Phycoerythrin was conjugated to Streptavidin (*Streptomyces avidinii*). The conjugate has been purified to remove unreacted components in order to improve sensitivity and reduce non-specific binding. As a final step, the product was filtered using a 0.45 µm membrane and stored in a sterile container.

### Quality Control

	Lot Value	Specification
Concentration <sup>1</sup>	2.16 mg/ml	2.10 ± 0.10 mg/ml
Streptavidin Concentration <sup>1</sup>	0.41 mg/ml	report only
RPE molarity <sup>1</sup>	7.3 µM	report only
Streptavidin Molarity <sup>1</sup>	7.9 µM	report only
% binding of A <sub>566</sub> to biotin-agarose	100%	≥90%
A <sub>566</sub> /A <sub>280</sub>	3.8	report only

<sup>1</sup> Measured spectrophotometrically.

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Authorized Signature