



## CERTIFICATE OF ANALYSIS

PRODUCT NAME: PHYCOLINK® STREPTAVIDIN R-PHYCOERYTHRIN  
PRODUCT CODE: PJRS25  
LOT NUMBER: 745 023  
BUFFER: 10 mM Tris-HCl, 150 mM NaCl (pH 8.2)  
PRESERVATIVE: 1 µg/ml pentachlorophenol  
STORAGE: 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.

CHARACTERISTIC	LOT VALUE	SPECIFICATION
Concentration <sup>1</sup>	2.12 mg/ml	2.10 ± 0.10 mg/ml
Streptavidin concentration <sup>1</sup>	0.44 mg/ml	report only
RPE molarity <sup>1</sup>	7.0 µM	report only
Streptavidin molarity <sup>1</sup>	8.6 µM	report only
% binding of A <sub>566</sub> to biotin-agarose	99%	≥90%
A <sub>566</sub> /A <sub>280</sub>	3.6	≥2.8

<sup>1</sup> Measured spectrophotometrically.

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Authorized Signature