



## CERTIFICATE OF ANALYSIS

PRODUCT NAME: PHYCOLINK® STREPTAVIDIN R-PHYCOERYTHRIN  
PRODUCT CODE: PJRS27  
LOT NUMBER: 746 017  
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>                      | 2.03 mg/ml | 2.10 ± 0.10 mg/ml |
| Streptavidin concentration <sup>1</sup>         | 0.38 mg/ml | report only       |
| RPE molarity <sup>1</sup>                       | 6.9 µM     | report only       |
| Streptavidin molarity <sup>1</sup>              | 7.3 µM     | report only       |
| % binding of A <sub>566</sub> to biotin-agarose | 98 %       | ≥90%              |
| A <sub>566</sub> /A <sub>280</sub>              | 3.8        | report only       |

<sup>1</sup> Measured spectrophotometrically.

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Authorized Signature