



CERTIFICATE OF ANALYSIS

PRODUCT NAME: PHYCOLINK® STREPTAVIDIN R-PHYCOERYTHRIN
PRODUCT CODE: PJRS27
LOT NUMBER: 746 019
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 ¹ | 2.14 mg/ml | 2.10 ± 0.10 mg/ml |
| Streptavidin concentration ¹ | 0.43 mg/ml | report only |
| RPE molarity ¹ | 7.2 µM | report only |
| Streptavidin molarity ¹ | 8.2 µM | report only |
| % binding of A ₅₆₆ to biotin-agarose | 92 % | ≥90% |
| A ₅₆₆ /A ₂₈₀ | 3.7 | report only |

¹ Measured spectrophotometrically.

Authorized Signature