



CERTIFICATE OF ANALYSIS

PRODUCT NAME: PHYCOLINK® STREPTAVIDIN R-PHYCOERYTHRIN
PRODUCT CODE: PJRS301
LOT NUMBER: 748 005
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. 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 | 2.19 mg/ml | 2.10 ± 0.10 mg/ml |
| Streptavidin concentration ¹ | 0.67 mg/ml | report only |
| RPE molarity ¹ | 6.3 µM | report only |
| Streptavidin molarity ¹ | 12.2 µM | report only |
| % binding of A ₅₆₆ to biotin-agarose | 100 % | ≥90% |
| A ₅₆₆ /A ₂₈₀ | 2.8 | 2.6 - 3.4 |

¹ Measured spectrophotometrically.

Authorized Signature