



CERTIFICATE OF ANALYSIS

PRODUCT NAME: PHYCOLINK® STREPTAVIDIN R-PHYCOERYTHRIN
PRODUCT CODE: PJ31S
LOT NUMBER: 841 147
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	2.20 mg/ml	2.10 ± 0.10 mg/ml
Streptavidin concentration ¹	0.59 mg/ml	report only
RPE molarity ¹	6.7 µM	report only
Streptavidin molarity ¹	10.8 µM	report only
% binding of A ₅₆₆ to biotin-agarose	99 %	≥90%
A ₅₆₆ /A ₂₈₀	3.0	2.6 - 3.4

¹ Measured spectrophotometrically.

Authorized Signature