



CERTIFICATE OF ANALYSIS

PRODUCT NAME: PHYCOLINK® STREPTAVIDIN R-PHYCOERYTHRIN
PRODUCT CODE: PJRS34
LOT NUMBER: DH23 024
FORMULATION: 10 mM Tris-HCl, 150 mM sodium chloride, pH 8.2
PRESERVATIVE: 1 µg/ml pentachlorophenol
STORAGE: Store at 2 - 8°C in the dark. DO NOT FREEZE.

PhycoPro™ R-Phycoerythrin was conjugated to SA26 Streptavidin-*plus*® (recombinant). The conjugate has been purified to remove unreacted components 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.

Quality Control

	Lot Value ¹	Specification ¹
Concentration ²	2.02 mg/ml	2.10 ± 0.10 mg/ml
Streptavidin Concentration ²	0.53 mg/ml	report only
RPE molarity ²	6.2 µM	report only
Streptavidin Molarity ²	9.6 µM	report only
% binding of A ₅₆₆ to biotin-agarose	99%	≥90%
A ₅₆₆ /A ₂₈₀	3.0	2.6–3.4

Authorized Signature

¹ Lot values and specifications are for original QC release.

² Measured spectrophotometrically.