

CERTIFICATE OF ANALYSIS

PRODUCT NAME: PHYCOLINK® STREPTAVIDIN R-PHYCOERYTHRIN
PRODUCT CODE: PJRS22-SA
LOT NUMBER: 743 015
BUFFER: 25 mM sodium phosphate, 150 mM NaCl (pH 7.0)
PRESERVATIVE: 0.02% sodium azide
STORAGE: Store at 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.

Quality Control

	Lot Value	Specification
Streptavidin Concentration ¹	1.07 mg/ml	1.10 ± 0.10 mg/ml
Total protein concentration ¹	3.12 mg/ml	report only
RPE molarity ¹	8.5 µM	report only
Streptavidin Molarity ¹	20.6 µM	report only
% binding of A ₅₆₆ to biotin-agarose	100%	≥90%
A ₅₆₆ /A ₂₈₀	2.7	report only

¹ Measured spectrophotometrically.

Authorized Signature