



CERTIFICATE OF ANALYSIS

PRODUCT NAME: PHYCOLINK® STREPTAVIDIN R-PHYCOERYTHRIN
PRODUCT CODE: PJRS20
LOT NUMBER: 741 035
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.
RE-ASSAY DATE: May 2018. Re-assay data available upon request.

PhycoPro™ R-Phycoerythrin was conjugated to Streptavidin. 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	2.18 mg/ml	2.10 ± 0.10 mg/ml
Streptavidin Concentration ²	0.57 mg/ml	report only
RPE molarity ²	6.7 µM	report only
Streptavidin Molarity ²	10.4 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.