



CERTIFICATE OF ANALYSIS

PRODUCT NAME: PHYCOLINK® STREPTAVIDIN R-PHYCOERYTHRIN

PRODUCT CODE: PJRS20

LOT NUMBER: 741 033

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: July 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	2.06 mg/ml	2.10 ± 0.10 mg/ml
Streptavidin Concentration ²	0.50 mg/ml	report only
RPE molarity ²	6.5 µM	report only
Streptavidin Molarity ²	9.1 µM	report only
% binding of A ₅₆₆ to biotin-agarose	100%	≥90%
A ₅₆₆ /A ₂₈₀	3.2	2.6–3.4

Authorized Signature

¹ Lot values and specifications are for original QC release.

² Measured spectrophotometrically.