

## 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: April 2019. 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 <sup>1</sup>	Specification <sup>1</sup>
Concentration <sup>2</sup>	2.18 mg/ml	2.10 ± 0.10 mg/ml
Streptavidin Concentration <sup>2</sup>	0.57 mg/ml	report only
RPE molarity <sup>2</sup>	6.7 µM	report only
Streptavidin Molarity <sup>2</sup>	10.4 µM	report only
% binding of A <sub>566</sub> to biotin-agarose	99%	≥90%
A <sub>566</sub> /A <sub>280</sub>	3.0	2.6–3.4

---

Authorized Signature

<sup>1</sup> Lot values and specifications are for original QC release.

<sup>2</sup> Measured spectrophotometrically.