



## CERTIFICATE OF ANALYSIS

PRODUCT NAME: PHYCOLINK® STREPTAVIDIN-ALLOPHYCOCYANIN  
PRODUCT CODE: PJ27S  
LOT NUMBER: 890 052a  
BUFFER: 10 mM Tris-HCl, 150 mM NaCl (pH 8.2)  
PRESERVATIVE: 1 µg/ml pentachlorophenol  
STORAGE: 2 - 8°C in the dark. DO NOT FREEZE.

GT5™ Allophycocyanin (*Spirulina platensis*) was cross-linked and conjugated to Streptavidin (*Streptomyces avidinii*). 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.

CHARACTERISTIC	LOT VALUE	SPECIFICATION
Streptavidin concentration <sup>1</sup>	0.77 mg/ml	report only
Total protein concentration <sup>1</sup>	2.00 mg/ml	2.10 ±0.10 mg/ml
APC molarity <sup>1</sup>	11.8 µM	report only
Streptavidin molarity <sup>1</sup>	14.0 µM	report only
Binding of A <sub>650</sub> to biotin-agarose	95%	≥90%
A <sub>650</sub> /A <sub>280</sub>	2.1	report only

<sup>1</sup> Measured spectrophotometrically.

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Authorized Signature

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