



## CERTIFICATE OF ANALYSIS

PRODUCT NAME: PHYCOLINK® STREPTAVIDIN-ALLOPHYCOCYANIN  
PRODUCT CODE: PJ25S  
LOT NUMBER: 896 137  
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 SA10 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
Concentration <sup>1</sup>	2.12 mg/ml	2.10 ±0.10 mg/ml
Streptavidin concentration <sup>1</sup>	0.80 mg/ml	report only
APC molarity <sup>1</sup>	12.7 µM	report only
Streptavidin molarity <sup>1</sup>	14.6 µM	report only
% binding of A <sub>650</sub> to biotin-agarose	99 %	≥90%
A <sub>650</sub> /A <sub>280</sub>	2.1	report only

<sup>1</sup> Measured spectrophotometrically.

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Authorized Signature