

CERTIFICATE OF ANALYSIS

PRODUCT NAME: PHYCOLINK® STREPTAVIDIN-ALLOPHYCOCYANIN
 PRODUCT CODE: PJ27S
 LOT NUMBER: 890 055
 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 ¹	0.77 mg/ml	report only
Total protein concentration ¹	2.17 mg/ml	2.10 ±0.10 mg/ml
APC molarity ¹	13.5 µM	report only
Streptavidin molarity ¹	14.1 µM	report only
Binding of A ₆₅₀ to biotin-agarose	96%	≥90%
A ₆₅₀ /A ₂₈₀	2.2	report only

¹ Measured spectrophotometrically.

Authorized Signature