



CERTIFICATE OF ANALYSIS

PRODUCT NAME: PHYCOLINK® STREPTAVIDIN-ALLOPHYCOCYANIN
PRODUCT CODE: PJ25S
LOT NUMBER: 896 138
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 ¹	2.12 mg/ml	2.10 ±0.10 mg/ml
Streptavidin concentration ¹	0.88 mg/ml	report only
APC molarity ¹	11.9 µM	report only
Streptavidin molarity ¹	16.0 µM	report only
% binding of A ₆₅₀ to biotin-agarose	98%	≥90%
A ₆₅₀ /A ₂₈₀	1.9	report only

¹ Measured spectrophotometrically.

Authorized Signature