



CERTIFICATE OF ANALYSIS

PRODUCT NAME: PHYCOLINK® STREPTAVIDIN-ALLOPHYCOCYANIN
PRODUCT CODE: PJ27SM
LOT NUMBER: DE96 042a
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.
MANUFACTURE DATE: March 18, 2013

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	2.05 mg/ml	2.10 ±0.10 mg/ml
APC molarity ¹	12.4 µM	report only
Streptavidin molarity ¹	14.0 µM	report only
Binding of A ₆₅₀ to biotin-agarose	99%	≥90%
A ₆₅₀ /A ₂₈₀	2.1	report only

¹ Measured spectrophotometrically.

Authorized Signature

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