



CERTIFICATE OF ANALYSIS

Product **BIOTINYLATED SUCCINYLATED WHEAT GERM AGGLUTININ**

Catalog B-1025S

Amount 5 mg

Concentration 5 mg/ml

Lot No. ZF0222

Active Conjugate 93%

Lectin Biotinylated 95%

Solution 10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.1 mM Ca⁺⁺, 0.08% sodium azide.
For most applications we recommend a freshly prepared working solution of
5-20 µg/ml in the above buffer

Storage Conditions Refrigerate; for long term storage, aliquots may be stored frozen.

Other Remarks:

This derivative of WGA was prepared from a highly purified lectin which tested as homogeneous by SDS-PAGE.

Monsigny, et al, have reported (Eur. J. Biochem., 98, 39-45, 1959) that in contrast to the native lectin, succinylated-WGA does not recognize sialic acid residues. However, succinylated-WGA has the same affinity for GlcNAc as the native lectin. Succinylated-WGA was reported to be highly soluble in buffers above pH 7 but poorly soluble at pH 5 or below.