



CERTIFICATE OF ANALYSIS

PRODUCT: STREPTAVIDIN-PLUS® (recombinant from *Streptomyces avidinii*, expressed in *E. coli*)

PRODUCT CODE: SA26

LOT NUMBER: DE25 040

STORAGE: -20°C

Supplied lyophilized: contains ~0.9 mg protein/mg lyophilizate (the balance is sodium chloride).

QUALITY CONTROL

Specific Activity¹:

17.4 U/mg protein (HABA dye-binding method) (Specification: ≥ 15 U/mg)

18.1 U/mg protein (biotin titration method) (Report only)

Authorized Signature

1. One unit will bind one microgram of d-biotin at pH 7.0. The biotin-binding activity of streptavidin is determined using a modification of the HABA dye-binding assay: Green NM. Spectrophotometric determination of avidin and biotin. Meth Enzymol 1970; 18A:418-424.