

CERTIFICATE OF ANALYSIS

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

PRODUCT CODE: SA26

LOT NUMBER: DE25 059

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

STORAGE: -20°C

QUALITY CONTROL

- Specific Activity:
18.2 U/mg protein (HABA dye-binding method¹) (Specification: ≥14.0 U/mg)
18.8 U/mg protein (biotin titration method) (Report only)
- SDS-PAGE Analysis: Passed (Specification: predominantly single band)

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.