



## CERTIFICATE OF ANALYSIS

PRODUCT: STREPTAVIDIN-PLUS<sup>®</sup> (recombinant from *Streptomyces avidinii*, expressed in *E. coli*)<sup>1</sup>

PRODUCT CODE: SA26

LOT NUMBER: DE25 024

STORAGE: -20°C

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

### QUALITY CONTROL

Specific Activity<sup>2</sup>:

16.5 U/mg protein (HABA dye-binding method)	(Specification: ≥15 U/mg)
21.0 U/mg protein (biotin titration method)	(Report only)

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Authorized Signature

1. Recombinant streptavidin is covered by US Patents No 5,168,049 and 5,272,254 and their foreign counterparts. Purchase includes a limited license to use for research purposes only, expressly excluding pharmaceutical and in vitro-diagnostic use or application (as defined under the European IVD Directive).
2. 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.