CERTIFICATE OF ANALYSIS

PRODUCT: STREPTAVIDIN (*Streptomyces avidinii*)

PRODUCT CODE: SA10

LOT NUMBER: 600 248

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

STORAGE: -20°C

EXPIRATION DATE: May 2021

QUALITY CONTROL

1. Specific Activity:

   14.9 U/mg protein (HABA dye-binding method[1]) (Specification: ≥14.0 U/mg)

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

2. SDS-PAGE Analysis: Passed (Specification: predominantly single band)

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Date: 2018.06.01 13:16:02 -07'00'

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.

3832 Bay Center Place
Hayward, CA 94545-3619

TOLL FREE (800) 457-9444
PHONE (510) 638-6900
FAX (510) 638-6919

info@prozyme.com
www.prozyme.com

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