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## Product Specification

Product Name:

Streptavidin from Streptomyces avidinii – essentially salt-free, lyophilized powder,  $\geq 13$  units/mg protein

Product Number:

**S4762**

CAS Number:

9013-20-1

MDL:

MFCD00082035

Storage Temperature:

-20 °C

**TEST****Specification**

Appearance (Color)

White to Off-White

Appearance (Form)

Powder

Solubility (Color)

Colorless to Faint Yellow

Solubility (Turbidity)

Clear to Hazy

1 mg vial/ml, H<sub>2</sub>O

% Protein (UV)

65 - 100

E1% = 31.0 at 282 NM

Streptavidin units/mg protein

 $\geq 13$ 

One unit will bind 1.0 ug biotin. According to the method described by: Green N.M., Methods in Enzymology, 18, 418 (1970).

Recommended Retest Period

5 years

Specification: PRD.0.ZQ5.10000012698

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.