



Product: **STREPTAVIDIN**

Code: **S002-6**

Lot:

Description: Streptavidin is a protein produced by *Streptomyces avidinii* and isolated from fermentation filtrates.  
**Affinity purified** streptavidin.

Presentation: Lyophilized powder without buffer salts.

Packaging: On request - in a glass vial

**PRODUCT PROFILE:**

- a) Activity (biotin binding):  $\geq 14.6$  units/mg solid.  
Reference value: 16.28 units/mg.  
Unit definition: one unit of streptavidin will bind 1  $\mu\text{g}$  of biotin.
- b) Protein content: 95 ( $\pm 5$ ) per cent.
- c) HPLC purity:  $\geq 99$  per cent.
- d) Electrophoretic profile: by SDS PAGE, under denaturing conditions, the protein subunit band is detected.
- e) Isoelectric point: 7.0 ( $\pm 0.5$ ) determined by isoelectric focusing.
- f) Subunit molecular weight: approx 14 kDa determined by physical method.
- g) Protease activity: for information.

Recommended storage conditions: - 20°C.

Retest date:

FOR GENERAL LABORATORY USE