

## Product Specification

Product Name: Streptavidin native  $\geq 14\text{U/mg}$  \*opti  
 Streptomyces avidinii  
 Tetrameric biotin-binding protein

Item Nr.: 3058 MW: ~60 kDa(Homotetramer) 159 amino acids  
 CAS Nr.: 9013-20-1 E.C.Nr.: EINECS: 618-481-6

Parameter	Method	Specification	Unit
Appearance	visual	Whitish, amorphic lyophilisate	
Solubility	5% in H <sub>2</sub> O and aqueous dilutional buffers	soluble	
Clarity of solution	Nephelometry	0	NTU
Coloration of sol.	Gardner	1	
Purity	SDS PAGE (5%/15%), discontinuous, reducing cond.	predominantly single band of monomer	
Protein	Total protein	89.0 - 91.0	%
Activity	HABA dye-binding method	> 14.0	U/mg
Activity	acc. to EP monograph 1073: biotin titration method	report only	U/mg
Sodium Chloride	acc. to EP monograph 0193	< 11	%

Storage: Keep well closed at -20 °C in a dark and dry place. No adverse effect of ambient temperature in transit. Once opened, desiccate over silica gel under vacuum before returning to -20 °C.

For professional use only. Not intended for pharmaceutical use. We do not warrant suitability for any particular application. Consult Safety Data Sheet.

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