

## Product Specification

Product Name: Streptavidin \*omni  
Streptomyces avidinii  
Tetrameric biotin-binding protein

Item Nr.: 4058 MW: 52.8kDa (Homotetramer) 159 amino acids  
CAS Nr.: 9013-20-1 E.C.Nr.: EINECS: 618-481-6

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

Storage: Keep in deep-freeze at -20 °C for indefinite storage. No adverse effect of ambient temperature for some days or 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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