

**CERTIFICATE OF ANALYSIS**

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<b>Streptavidin from Streptomyces avidinii lyophil.</b>	<b>Cat.No. :</b>	<b>35490</b>
	<b>Contr.No.:</b>	<b>071156</b>

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<b>Parameter</b>	<b>Method</b>	<b>Specification</b>	<b>Result</b>
<b>Molecular weight</b>		ca. 60 000	
<b>Subunit molecular weight (kDa)</b>	physical	14 ± 0.5	corresponds
<b>Appearance</b>		white lyophilisate	corresponds
<b>Activity (U/mg protein)</b>	biotin binding	min. 14.6	15.3
<b>Protein content (%)</b>		90 – 100	95
<b>Electrophoretic properties</b>		homogeneous	corresponds
<b>Isoelectric point</b>	IEF	6.5 – 7.5	corresponds
<b>Minimum shelf life</b>			10/ 2014
<b>Storage (°C)</b>			-15 bis/ to –25

**Unit definition**

1 Unit of streptavidin will bind 1µg of biotin.

<p>We do not guarantee that the product can be used for a special application. This document does not release you from performing the standard control upon receipt of incoming goods.</p>
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**SERVA Electrophoresis GmbH**  
**Quality Control****Printing date: 17.07.2013**

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Patricia Steinmann

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