



## TECHNICAL DATA SHEET

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<b>Product code:</b>	43-19-502
<b>Product name:</b>	sicastar®
<b>Surface:</b>	streptavidin
<b>Size:</b>	500 nm
<b>Solid content:</b>	25 mg/ml
<b>Composition:</b>	amorphous silica particles
<b>Polydispersity index:</b>	< 0.200
<b>Shape:</b>	spherical
<b>Density:</b>	2.0 g/ccm
<b>Porosity:</b>	nonporous
<b>Stable in:</b>	aqueous buffers pH > 4
<b>Not stable in:</b>	organic solvents, acidic solutions pH < 4
<b>Product form:</b>	Suspension in PBS (0.02 % sodium azide)
<b>Particles per ml:</b>	1.9 E11
<b>Particles per mg:</b>	7.6 E9
<b>Biotin binding capacity:</b>	> 10 pmol/mg
<b>Colour:</b>	white
<b>Additional remarks:</b>	Storage at 2 - 8 °C for 3 months.