



TECHNICAL DATA SHEET

www.micromod.de
Telephone: + 49 381 / 7999 7000
Fax: + 49 381 / 7999 7070
E-mail address: info@micromod.de

micromod Partikeltechnologie GmbH
Schillingallee 68
D-18057 Rostock
Germany

Product code:	43-19-102
Product name:	sicastar®
Surface:	streptavidin
Size:	100 nm
Solid content:	25 mg/ml
Composition:	amorphous silica particles
Polydispersity index:	< 0.200
Shape:	spherical
Density:	2.0 g/ccm
Porosity:	nonporous
Stable in:	aqueous buffers pH > 4
Not stable in:	organic solvents, acidic solutions pH < 4
Product form:	Suspension in PBS (0.02 % sodium azide)
Particles per ml:	9.6 E12
Particles per mg:	9.6 E11
Biotin binding capacity:	> 5 pmol/mg
Colour:	white
Additional remarks:	Storage at 2 - 8 °C for 3 months.