

micromod Partikeltechnologie GmbH

Friedrich-Barnewitz-Str. 4
D-18119 Rostock
Germany

fon: +49 381 / 54 34 56 10
fax: +49 381 / 54 34 56 20
e-mail: info@micromod.de



Technical Datasheet

Product-No.:	43-19-503
Product-Name:	sicastar®
surface:	streptavidin
size:	5 µm
solid content:	25 mg/ml
quantity:	1 ml
Composition:	amorphous silica particles
Standard deviation:	< 1.5 µm
Shape:	spherical with irregularities
Density:	1.8 g/ccm
Porosity:	porous
Stable in:	aqueous buffers
Not stable in:	hydrofluoric acid, strong basic media, e.g. 6 M NaOH
Product form:	suspension in PBS buffer (pH = 7.4), stabilized in 0.02 % sodium azide
Particles per ml:	2.1*10E8
Particles per mg:	8.5*10E6
Protein binding capacity:	330 ng streptavidin / mg particle (55 ng streptavidin / cm ²)
Additional remarks:	Storage at 2 - 8°C for 3 months