



TECHNICAL DATA SHEET

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Product code:	43-19-302
Product name:	sicastar®
Surface:	streptavidin
Size:	300 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:	9.0 E11
Particles per mg:	3.5 E10
Biotin binding capacity:	> 10 pmol/mg
Colour:	white
Additional remarks:	Storage at 2 - 8 °C for 3 months.