



TECHNICAL DATA SHEET

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Product code:	40-19-303
Product name:	sicastar®-redF
Surface:	streptavidin
Size:	3 µm
Solid content:	25 mg/ml
Composition:	red fluorescent silica particles
Standard deviation:	< 0.85 µm
Shape:	spherical with irregularities
Density:	1.8 g/ccm
Porosity:	porous
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:	9.9 E8
Particles per mg:	3.9 E7
Biotin binding capacity:	> 20 pmol/mg
Optical properties:	red fluorescent
Colour:	pink
Excitation:	569 nm
Emission:	585 nm
Additional remarks:	Storage at 2 - 8 °C for 3 months.