



TECHNICAL DATA SHEET

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Product code:	40-00-102
Product name:	sicastar®-redF
Surface:	plain
Size:	100 nm
Solid content:	50 mg/ml
Composition:	red fluorescent silica particles
Polydispersity index:	< 0.200
Shape:	spherical
Density:	2.0 g/ccm
Porosity:	nonporous
Stable in:	aqueous buffers, organic solvents
Not stable in:	hydrofluoric acid, strong basic media, e.g. 6 M NaOH
Product form:	Suspension in water
Particles per ml:	4.8 E13
Particles per mg:	9.5 E11
Optical properties:	red fluorescent
Colour:	pink
Excitation:	569 nm
Emission:	585 nm
Additional remarks:	Storage at room temperature. Do not freeze!