



TECHNICAL DATA SHEET

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Product code:	40-01-204
Product name:	sicastar®-redF
Surface:	NH ₂
Size:	20 µm
Solid content:	50 mg/ml
Composition:	red fluorescent silica particles
Standard deviation:	< 11.5 µm
Shape:	spherical with irregularities
Density:	1.8 g/ccm
Porosity:	porous
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:	6.6 E6
Particles per mg:	1.3 E5
Optical properties:	red fluorescent
Colour:	pink
Excitation:	569 nm
Emission:	585 nm
Additional remarks:	Storage at room temperature.