



TECHNICAL DATA SHEET

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Product code:	41-02-503
Product name:	sicastar®-blueF
Surface:	COOH
Size:	5 µm
Solid content:	50 mg/ml
Composition:	blue fluorescent silica particles
Standard deviation:	< 1.5 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:	4.2 E8
Particles per mg:	8.5 E6
Optical properties:	blue fluorescent
Colour:	colourless
Excitation:	354 nm
Emission:	450 nm
Additional remarks:	Protect from light. Storage at room temperature.