



TECHNICAL DATA SHEET

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Product code:	41-01-302
Product name:	sicastar®-blueF
Surface:	NH ₂
Size:	300 nm
Solid content:	50 mg/ml
Composition:	blue 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:	1.8 E12
Particles per mg:	3.5 E10
Optical properties:	blue fluorescent
Colour:	colourless
Excitation:	354 nm
Emission:	450 nm
Additional remarks:	Protect from light. Storage at room temperature. Do not freeze!