



TECHNICAL DATA SHEET

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Product code:	42-00-104
Product name:	sicastar®-greenF
Surface:	plain
Size:	10 µm
Solid content:	50 mg/ml
Composition:	green fluorescent silica particles
Standard deviation:	< 2.5 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:	5.3 E7
Particles per mg:	1.1 E6
Optical properties:	green fluorescent
Colour:	yellow
Excitation:	485 nm
Emission:	510 nm
Additional remarks:	Storage at room temperature.