

micromod Partikeltechnologie GmbH

Friedrich-Barnewitz-Str. 4
D-18119 Rostock
Germany

fon: +49 381 / 54 34 56 10
fax: +49 381 / 54 34 56 20
e-mail: info@micromod.de



Technical Datasheet

Product-No.:	42-01-503
Product-Name:	sicastar® -greenF
surface:	NH2
size:	5 µm
solid content:	50 mg/ml
quantity:	10 ml
Composition:	green 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:	aqueous suspension
Particles per ml:	4.2*10E8
Particles per mg:	8.5*10E6
Surface charge density:	4 µmol/g
Optical properties:	green fluorescent
Colour:	yellow
Excitation:	485 nm
Emission:	510 nm
Additional remarks:	Storage at room temperature.