



## TECHNICAL DATA SHEET

www.micromod.de  
Telephone: + 49 381 / 7999 7000  
Fax: + 49 381 / 7999 7070  
E-mail address: info@micromod.de

micromod Partikeltechnologie GmbH  
Schillingallee 68  
D-18057 Rostock  
Germany

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<b>Product code:</b>	42-02-503
<b>Product name:</b>	sicastar®-greenF
<b>Surface:</b>	COOH
<b>Size:</b>	5 µm
<b>Solid content:</b>	50 mg/ml
<b>Composition:</b>	green fluorescent silica particles
<b>Standard deviation:</b>	< 1.5 µm
<b>Shape:</b>	spherical with irregularities
<b>Density:</b>	1.8 g/ccm
<b>Porosity:</b>	porous
<b>Stable in:</b>	aqueous buffers, organic solvents
<b>Not stable in:</b>	hydrofluoric acid, strong basic media, e.g. 6 M NaOH
<b>Product form:</b>	Suspension in water
<b>Particles per ml:</b>	4.2 E8
<b>Particles per mg:</b>	8.5 E6
<b>Optical properties:</b>	green fluorescent
<b>Colour:</b>	yellow
<b>Excitation:</b>	485 nm
<b>Emission:</b>	510 nm
<b>Additional remarks:</b>	Storage at room temperature.