

# micromod Partikeltechnologie GmbH

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## Technical Datasheet

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Product-No.:	<b>41-02-103</b>
Product-Name:	<b>sicstar® -blueF</b>
surface:	<b>COOH</b>
size:	<b>1 µm</b>
solid content:	<b>50 mg/ml</b>
quantity:	<b>10 ml</b>
Composition:	blue fluorescent silica particles
Polydispersity index:	< 0.2
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:	aqueous suspension
Particles per ml:	4.8*10E10
Particles per mg:	9.5*10E8
Surface charge density:	2 µmol/g
Optical properties:	blue fluorescent
Colour:	colourless
Excitation:	354 nm
Emission:	450 nm
Additional remarks:	Protect from light. Storage at room temperature.