TECHNICAL DATA SHEET

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- Product code: 41-02-202
- Product name: sicastar®-blueF
- Surface: COOH
- Size: 200 nm
- Solid content: 25 mg/ml
- 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: Suspension in water
- Particles per ml: 3.0 E12
- Particles per mg: 1.2 E11
- Surface charge density: 1 µmol/g
- Optical properties: blue fluorescent
- Colour: colourless
- Excitation: 354 nm
- Emission: 450 nm
- Additional remarks: Protect from light. Storage at room temperature. Do not freeze!