Product code: 42-01-701
Product name: sicastar®-greenF
Surface: \( \text{NH}_2 \)
Size: 70 nm
Solid content: 25 mg/ml
Composition: green 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: 7.0 E13
Particles per mg: 2.8 E12
Surface charge density: 1 \( \mu \text{mol/g} \)
Optical properties: green fluorescent
Colour: yellow
Excitation: 485 nm
Emission: 510 nm
Additional remarks: Storage at room temperature. Do not freeze!