Product code:
41-01-503

Product name:
sicastar®-blueF

Surface:
NH₂

Size:
5 µm

Solid content:
50 mg/ml

Composition:
blue 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:
Suspension in water

Particles per ml:
4.2 E8

Particles per mg:
8.5 E6

Surface charge density:
4 µmol/g

Optical properties:
blue fluorescent

Colour:
colourless

Excitation:
354 nm

Emission:
450 nm

Additional remarks:
Protect from light. Storage at room temperature.