TECHNICAL DATA SHEET

micromod Partikeltechnologie GmbH

Product code: 40-17-501
Product name: sicastar®-redF
Surface: TMS
Size: 50 nm
Solid content: 25 mg/ml
Composition: red 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 ethanol
Particles per ml: 1.9 E14
Particles per mg: 7.6 E12
Optical properties: red fluorescent
Colour: pink
Excitation: 569 nm
Emission: 585 nm
Additional remarks: Storage at room temperature.