



TECHNICAL DATA SHEET

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| | |
|------------------------------|------------------------------------------------------|
| Product code: | 40-00-501 |
| Product name: | sicastar®-redF |
| Surface: | plain |
| Size: | 50 nm |
| Solid content: | 25 mg/ml |
| Composition: | red fluorescent silica particles |
| Polydispersity index: | < 0.200 |
| 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: | 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. Do not freeze! |