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Technical Datasheet

| | |
|-------------------------|--|
| Product-No.: | 42-01-204 |
| Product-Name: | sicastar® -greenF |
| surface: | NH2 |
| size: | 20 µm |
| solid content: | 50 mg/ml |
| quantity: | 10 ml |
| Composition: | green fluorescent silica particles |
| Standard deviation: | < 11.5 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: | aqueous suspension |
| Particles per ml: | 6.6*10E6 |
| Particles per mg: | 1.3*10E5 |
| Surface charge density: | 4 µmol/g |
| Optical properties: | green fluorescent |
| Colour: | yellow |
| Excitation: | 485 nm |
| Emission: | 510 nm |
| Additional remarks: | Storage at room temperature. |