

micromod Partikeltechnologie GmbH

Friedrich-Barnewitz-Str. 4
D-18119 Rostock
Germany

fon: +49 381 / 54 34 56 10
fax: +49 381 / 54 34 56 20
e-mail: info@micromod.de



Technical Datasheet

| | |
|-----------------------|--|
| Product-No.: | 43-19-102 |
| Product-Name: | sicastar® |
| surface: | streptavidin |
| size: | 100 nm |
| solid content: | 25 mg/ml |
| quantity: | 1 ml |
| Composition: | amorphous 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 PBS buffer (pH = 7.4), stabilized in 0.02 % sodium azide |
| Particles per ml: | 2.4*10E13 |
| Particles per mg: | 9.5*10E11 |
| Additional remarks: | Storage at 2 - 8°C for 3 months |