



## TECHNICAL DATA SHEET

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|                            |   |
|----------------------------|---|
| <b>Product code:</b>       | 43-20-204                                 |
| <b>Product name:</b>       | sicastar®                                 |
| <b>Surface:</b>            | protein A                                 |
| <b>Size:</b>               | 20 µm                                     |
| <b>Solid content:</b>      | 25 mg/ml                                  |
| <b>Composition:</b>        | amorphous silica particles                |
| <b>Standard deviation:</b> | < 11.5 µm                                 |
| <b>Shape:</b>              | spherical with irregularities             |
| <b>Density:</b>            | 1.8 g/ccm                                 |
| <b>Porosity:</b>           | porous                                    |
| <b>Stable in:</b>          | aqueous buffers pH > 4                    |
| <b>Not stable in:</b>      | organic solvents, acidic solutions pH < 4 |
| <b>Product form:</b>       | Suspension in PBS (0.02 % sodium azide)   |
| <b>Particles per ml:</b>   | 3.3 E6                                    |
| <b>Particles per mg:</b>   | 1.3 E5                                    |
| <b>Colour:</b>             | white                                     |
| <b>Additional remarks:</b> | Storage at 2 - 8 °C for 3 months.         |