TECHNICAL DATA SHEET

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Product code: 43-20-153
Product name: sicastar®
Surface: protein A
Size: 1.5 µm
Solid content: 25 mg/ml
Composition: amorphous silica particles
Polydispersity index: < 0.2
Shape: spherical
Density: 2.0 g/ccm
Porosity: nonporous
Stable in: aqueous buffers pH > 4
Not stable in: organic solvents, acidic solutions pH < 4
Product form: Suspension in PBS (0.02 % sodium azide)
Particles per ml: 7.0 E9
Particles per mg: 2.8 E8
Protein binding capacity: 2.2 µg protein A / mg particle
Colour: white
Additional remarks: Storage at 2 - 8 °C for 3 months.