Product code: 39-01-153
Product name: sicastar®-M
Surface: NH₂
Size: 1.5 µm
Solid content: 50 mg/ml
Composition: magnetic silica particles
Shape: spherical
Density: 2.5 g/ccm
Magnetization: 6.0 Am²/kg particles (H = 80 kA/m)
Saturation magnetization: > 8.0 Am²/kg particles (H > 800 kA/m)
Stable in: aqueous buffers pH > 3, organic solvents
Not stable in: hydrofluoric acid, strong basic media, e.g. 6 M NaOH
Product form: Suspension in water
Surface charge density: 1 µmol/g
Colour: dark brown
Additional remarks: Storage at room temperature.