Product code: 08-01-703
Product name: micromer®-M
Surface: NH$_2$
Size: 7 µm
Solid content: 50 mg/ml
Composition: magnetic polystyrene matrix particles
Standard deviation: < 5 % (C.V.)
Shape: spherical
Density: 1.1 g/ccm
Magnetization: $3.0 \text{ Am}^2/\text{kg particles (H = 80 kA/m)}$
Saturation magnetization: $> 3.7 \text{ Am}^2/\text{kg particles (H > 800 kA/m)}$
Stable in: aqueous buffers, methanol, ethanol, DMSO
Not stable in: halogenated hydrocarbons, toluene, strong acidic solutions, e.g. 10% HCl
Product form: Suspension in water
Particles per ml: $2.5 \times 10^8$
Particles per mg: $5.1 \times 10^6$
Surface charge density: 1 µmol/g
Colour: dark brown
Additional remarks: Storage at room temperature.