TECHNICAL DATA SHEET

micromod Partikeltechnologie GmbH

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

Telephone: + 49 381 / 54 34 56 10
Fax: + 49 381 / 54 34 56 20
E-mail address: info@micromod.de

Product code: 08-21-124
Product name: micromer®-M
Surface: albumin (BSA)
Size: 12 µm
Solid content: 25 mg/ml
Composition: magnetic polystyrene matrix particles
Standard deviation: < 10 % (C.V.)
Shape: spherical
Density: 1.1 g/ccm
Magnetization: 0.5 Am^2/kg particles (H = 80 kA/m)
Saturation magnetization: > 0.6 Am^2/kg particles (H > 800 kA/m)
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: 2.5 E7
Particles per mg: 1.0 E6
Protein binding capacity: 150 ng albumin (BSA) / mg particle
Colour: dark brown
Additional remarks: Storage at 2 - 8 °C for 3 months.