TECHNICAL DATA SHEET

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

Product code: 08-19-803
Product name: micromer®-M
Surface: streptavidin
Size: 8 µm
Solid content: 25 mg/ml
Composition: magnetic polystyrene matrix particles
Standard deviation: < 5 % (C.V.)
Shape: spherical
Density: 1.1 g/ccm
Magnetization: 3.1 Am^2/kg particles (H = 80 kA/m)
Saturation magnetization: > 3.8 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: 8.5 E7
Particles per mg: 3.4 E6
Protein binding capacity: 300 ng streptavidin / mg particle
Colour: dark brown
Additional remarks: Storage at 2 - 8 °C for 3 months.