



TECHNICAL DATA SHEET

www.micromod.de
Telephone: + 49 381 / 7999 7000
Fax: + 49 381 / 7999 7070
E-mail address: info@micromod.de

micromod Partikeltechnologie GmbH
Schillingallee 68
D-18057 Rostock
Germany

Product code:	08-19-503
Product name:	micromer®-M
Surface:	streptavidin
Size:	5 µm
Solid content:	25 mg/ml
Composition:	magnetic polystyrene matrix particles
Standard deviation:	< 5 % (C.V.)
Shape:	spherical
Density:	1.1 g/ccm
Magnetization:	4.0 Am ² /kg particles (H = 80 kA/m)
Saturation magnetization:	> 4.9 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:	3.5 E8
Particles per mg:	1.4 E7
Biotin binding capacity:	> 10 pmol/mg
Colour:	dark brown
Additional remarks:	Storage at 2 - 8 °C for 3 months.