



## 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

---

<b>Product code:</b>	08-18-203
<b>Product name:</b>	micromer®-M
<b>Surface:</b>	avidin
<b>Size:</b>	2 µm
<b>Solid content:</b>	25 mg/ml
<b>Composition:</b>	magnetic polystyrene matrix particles
<b>Standard deviation:</b>	< 5 % (C.V.)
<b>Shape:</b>	spherical
<b>Density:</b>	1.1 g/ccm
<b>Magnetization:</b>	4.8 Am <sup>2</sup> /kg particles (H = 80 kA/m)
<b>Saturation magnetization:</b>	> 6.5 Am <sup>2</sup> /kg particles (H > 800 kA/m)
<b>Stable in:</b>	aqueous buffers pH > 4
<b>Not stable in:</b>	organic solvents, acidic solutions pH < 4
<b>Product form:</b>	Suspension in PBS (0.02 % sodium azide)
<b>Particles per ml:</b>	5.5 E9
<b>Particles per mg:</b>	2.3 E8
<b>Colour:</b>	dark brown
<b>Additional remarks:</b>	Storage at 2 - 8 °C for 3 months.