



## TECHNICAL DATA SHEET

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<b>Product code:</b>	08-19-203
<b>Product name:</b>	micromer®-M
<b>Surface:</b>	streptavidin
<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>Biotin binding capacity:</b>	> 10 pmol/mg
<b>Colour:</b>	dark brown
<b>Additional remarks:</b>	Storage at 2 - 8 °C for 3 months.