

micromod Partikeltechnologie GmbH

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

fon: +49 381 / 54 34 56 10
fax: +49 381 / 54 34 56 20
e-mail: info@micromod.de



Technical Datasheet

Product-No.:	08-18-203
Product-Name:	micromer® -M
surface:	avidin
size:	2 µm
solid content:	25 mg/ml
quantity:	5 ml
Standard deviation:	< 5 % (C.V.)
Shape:	spherical
Density:	1.1 g/ccm
Magnetization:	3.0 emu/g particles (H =1000 Oe)
Saturation magnetization:	> 3.6 emu/g particles (H > 7.000 Oe)
Stable in:	aqueous buffers, methanol, ethanol, DMSO
Not stable in:	halogenated hydrocarbons, toluene, strong acidic solutions, eg 10% HCl
Product form:	suspension in PBS buffer (pH = 7.4), stabilized in 0.02 % sodium azide
Particles per ml:	1.2*10E10
Particles per mg:	2.3*10E8
Protein binding capacity:	800 ng avidin / mg particle
Additional remarks:	Storage at 2 - 8°C for 3 months