

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.:	08-02-503
Product-Name:	micromer® -M
surface:	COOH
size:	5 µm
solid content:	50 mg/ml
quantity:	10 ml
Shape:	spherical
Density:	1.4 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:	aqueous suspension
Particles per ml:	5.5*10E8
Particles per mg:	1.1*10E7
Charge density:	8 µmol/g
Protein binding capacity:	450 ng albumin (BSA) / mg particle