

# micromod Partikeltechnologie GmbH

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## Technical Datasheet

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Product-No.:	<b>08-02-403</b>
Product-Name:	<b>micromer® -M</b>
surface:	<b>COOH</b>
size:	<b>4 µm</b>
solid content:	<b>50 mg/ml</b>
quantity:	<b>10 ml</b>
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:	1.1*10E9
Particles per mg:	2.1*10E7
Charge density:	9 µmol/g
Protein binding capacity:	550 ng albumin (BSA) / mg particle