

# micromod Partikeltechnologie GmbH

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## Technical Datasheet

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Product-No.:	<b>30-02-501</b>
Product-Name:	<b>micromer® -redF</b>
surface:	<b>COOH</b>
size:	<b>50 nm</b>
solid content:	<b>10 mg/ml</b>
quantity:	<b>5 ml</b>
Polydispersity index:	< 0.2
Shape:	spherical
Density:	1.03 g/ccm
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:	1.5*10E14
Particles per mg:	1.5*10E13
Protein binding capacity:	300 - 800 ng protein / mg particle
Optical properties:	red fluorescent
Colour:	pink
Excitation:	552 nm
Emission:	580 nm
Additional remarks:	Storage at 2 - 8°C.