

# micromod Partikeltechnologie GmbH

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## Technical Datasheet

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Product-No.:	<b>71-00-304</b>
Product-Name:	<b>PLA-Particles -M redF</b>
surface:	<b>plain</b>
size:	<b>30 µm</b>
solid content:	<b>10 mg/ml</b>
quantity:	<b>10 ml</b>
Composition:	red fluorescent magnetic poly(lactic acid) particles
Shape:	spherical
Density:	1.4 g/ccm
Magnetization:	4.3 emu/g particles (H =1000 Oe)
Saturation magnetization:	> 6.6 emu/g particles (H > 10.000 Oe)
Stable in:	aqueous buffers pH > 4
Not stable in:	organic solvents, acidic solutions pH < 4
Product form:	aqueous suspension
Particles per ml:	5.1*10E5
Particles per mg:	5.1*10E4
Optical properties:	red fluorescent
Colour:	dark brown
Excitation:	569 nm
Emission:	585 nm
Additional remarks:	Storage at 2 - 8°C for 6 months.