TECHNICAL DATA SHEET

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Product code: 08-55-503
Product name: micromer®-M
Surface: PEG-NH$_2$
Size: 5 µm
Solid content: 50 mg/ml
Composition: magnetic polystyrene matrix particles
Standard deviation: < 5 % (C.V.)
Shape: spherical
Density: 1.1 g/ccm
Magnetization: 4.0 Am$^2$/kg particles (H = 80 kA/m)
Saturation magnetization: > 4.9 Am$^2$/kg particles (H > 800 kA/m)
Stable in: aqueous buffers, methanol, ethanol, DMSO
Not stable in: halogenated hydrocarbons, toluene, strong acidic solutions, e.g. 10% HCl
Product form: Suspension in water
Particles per ml: 7.0 E8
Particles per mg: 1.4 E7
Colour: dark brown
Additional remarks: Storage at room temperature.