TECHNICAL DATA SHEET

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Product code: 08-01-303
Product name: micromer®-M
Surface: \(\text{NH}_2\)
Size: 3 µm
Solid content: 50 mg/ml
Composition: magnetic polystyrene matrix particles
Standard deviation: < 5 % (C.V.)
Shape: spherical
Density: 1.1 g/ccm
Magnetization: 5.4 Am²/kg particles \((H = 80 \text{ kA/m})\)
Saturation magnetization: > 6.6 Am²/kg particles \((H > 800 \text{ kA/m})\)
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: 3.2 E9
Particles per mg: 6.4 E7
Surface charge density: 2 µmol/g
Colour: dark brown
Additional remarks: Storage at room temperature.