TECHNICAL DATA SHEET

micromod Partikeltechnologie GmbH

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Product code: 30-02-102
Product name: micromer®-redF
Surface: COOH
Size: 100 nm
Solid content: 10 mg/ml
Composition: red fluorescent polystyrene particles
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, e.g. 10% HCl
Product form: Suspension in water
Particles per ml: 1.9 E13
Particles per mg: 1.9 E12
Surface charge density: 4 µmol/g
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.