TECHNICAL DATA SHEET

micromod Partikeltechnologie GmbH

Friedrich-Barnewitz-Str. 4
D-18119 Rostock
Germany

Product code: 30-02-503
Product name: micromer®-redF
Surface: COOH
Size: 5 µm
Solid content: 25 mg/ml
Composition: red fluorescent polystyrene particles
Standard deviation: < 5 % (C.V.)
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: 3.7 E8
Particles per mg: 1.5 E7
Surface charge density: 2 µmol/g
Optical properties: red fluorescent
Colour: pink
Excitation: 552 nm
Emission: 580 nm
Additional remarks: Storage at room temperature.