TECHNICAL DATA SHEET

micromod Partikeltechnologie GmbH

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

Telephone: + 49 381 / 54 34 56 10
Fax: + 49 381 / 54 34 56 20
E-mail address: info@micromod.de

Revision Date 02.01.2017 Version 3.01

Product code: 30-02-251
Product name: micromer®-redF
Surface: COOH
Size: 25 nm
Solid content: 10 mg/ml
Composition: red fluorescent polymethacrylate 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: 1.2 E15
Particles per mg: 1.2 E14
Surface charge density: 10 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.