TECHNICAL DATA SHEET

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E-mail address: info@micromod.de

Product code: 87-78-302
Product name: IDA-Latex
Surface: IDA
Size: 300 nm
Solid content: 50 mg/ml
Composition: polystyrene particles
Polydispersity index: < 0.25
Shape: spherical with irregularities
Density: 1.0 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: 3.5 E12
Particles per mg: 7.0 E10
Surface charge density: 15 µmol/g
Colour: white
Additional remarks: Storage at 2 - 8°C.

TECHNOTES: high binding capacity for trace elements (z.B. Mn, Co, Ni, Cu, Zn, Cd, Pb, U) in neutral to basic pH range, e.g. 200 µmol Nickel(II) per g IDA-Latex