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Technical Datasheet

Product-No.:	08-21-203
Product-Name:	micromer® -M
surface:	albumin (BSA)
size:	2 µm
solid content:	25 mg/ml
quantity:	10 ml
Standard deviation:	< 5 % (C.V.)
Shape:	spherical
Density:	1.1 g/ccm
Magnetization:	3.0 emu/g particles (H =1000 Oe)
Saturation magnetization:	> 3.6 emu/g particles (H > 7.000 Oe)
Stable in:	aqueous buffers, methanol, ethanol, DMSO
Not stable in:	halogenated hydrocarbons, toluene, strong acidic solutions, eg 10% HCl
Product form:	suspension in PBS buffer (pH = 7.4), stabilized in 0.02 % sodium azide
Particles per ml:	1.2*10E10
Particles per mg:	2.3*10E8
Protein binding capacity:	800 ng albumin (BSA) / mg particle
Additional remarks:	Storage at 2 - 8°C for 3 months