

# micromod Partikeltechnologie GmbH

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## Technical Datasheet

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|                           |                                                                        |
|---------------------------|------------------------------------------------------------------------|
| Product-No.:              | <b>08-21-603</b>                                                       |
| Product-Name:             | <b>micromer® -M</b>                                                    |
| surface:                  | <b>albumin (BSA)</b>                                                   |
| size:                     | <b>6 µm</b>                                                            |
| solid content:            | <b>25 mg/ml</b>                                                        |
| quantity:                 | <b>10 ml</b>                                                           |
| 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                                                        |
| Not stable in:            | organic solvents                                                       |
| Product form:             | suspension in PBS buffer (pH = 7.4), stabilized in 0.02 % sodium azide |
| Particles per ml:         | 2.0*10E8                                                               |
| Particles per mg:         | 8.0*10E6                                                               |
| Protein binding capacity: | 400 ng albumin (BSA) / mg particle                                     |
| Additional remarks:       | Storage at 2 - 8°C for 3 months                                        |