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Technical Datasheet

| | |
|---------------------------|---|
| Product-No.: | 08-19-203 |
| Product-Name: | micromer® -M |
| surface: | streptavidin |
| size: | 2 µm |
| solid content: | 25 mg/ml |
| quantity: | 1 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 streptavidin / mg particle |
| Additional remarks: | Storage at 2 - 8°C for 3 months |