



TECHNICAL DATA SHEET

www.micromod.de
Telephone: + 49 381 / 7999 7000
Fax: + 49 381 / 7999 7070
E-mail address: info@micromod.de

micromod Partikeltechnologie GmbH
Schillingallee 68
D-18057 Rostock
Germany

Product code:	105-26-102
Product name:	synomag®-S
Surface:	biotin
Size:	100 nm
Solid content:	10 mg/ml
Composition:	starch iron oxide composite particles
Polydispersity index:	< 0.200
Shape:	cluster-typed
Density:	2.5 g/ccm
Iron concentration:	6 mg/ml
Stable in:	aqueous buffers pH > 4
Not stable in:	organic solvents, acidic solutions pH < 4
Product form:	Suspension in water
Particles per ml:	7.7 E12
Particles per mg:	7.7 E11
Colour:	dark brown
Additional remarks:	Storage at 2 - 8 °C for 6 months.