



TECHNICAL DATA SHEET

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Product code:	105-00-102
Product name:	synomag®-S
Surface:	plain
Size:	100 nm
Solid content:	25 mg/ml
Composition:	starch iron oxide composite particles
Polydispersity index:	< 0.200
Shape:	cluster-typed
Density:	3.2 g/ccm
Iron concentration:	10 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:	1.6 E13
Particles per mg:	7.6 E11
Colour:	dark brown
Additional remarks:	Storage at 2 - 8 °C for 6 months.
TECHNOTES:	The particle matrix consists of hydroxyethyl starch.