
Product Information – SiMAG-Carboxyl

Product:	SiMAG-Carboxyl		
Article Number:	1402-1 (1 ml) ; 1402-5 (5 ml)		
Description:	Aqueous dispersion of magnetic silica particles		
Application:	For covalent coupling of biomolecules; see protocol A1		
Lot Number:			
Production Date:			
Weight of Volume:	50 mg/ml		
Core:	Maghemite		
Matrix:	Silica, non-porous		
Size Approx.:	0.5 µm	0.75 µm	1.0 µm
Number of Particles:	~ 1.5 x 10 ¹³ /g	4.2 x 10 ¹² /g	1.8 x 10 ¹² /g
Surface Area:	~ 50 m ² /g		
Density:	~ 2,25 g/cm ³		
Type of Magnetization:	Superparamagnetic		
Functional Group:	Carboxyl (-COOH)		
Carboxylation Degree:	~ 850 µmol COOH/g		
Autoclaved:	Yes		
Storage Buffer / Solution:	ddH ₂ O		
Storage:	At 4 – 8 °C. Do not freeze!		
Expiry Date:	Two years after production date		
Note:	For complete resuspension vortex thoroughly!		

