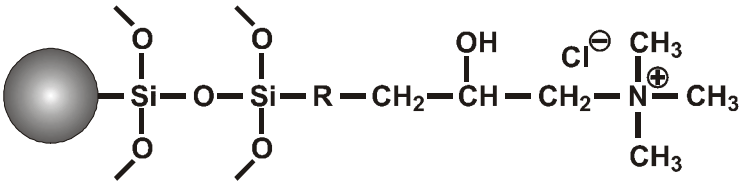
chemicell GmbH
Eresburgstrasse 22-23
12103 Berlin
Germany

info@chemicell.com
chemicell.com

Product Information – SiMAG-Q

Product:	**SiMAG-Q**		
Article Number:	1206-1 (1 ml); 1206-5 (5 ml)		
Description:	Aqueous dispersion of magnetic silica particles		
Application:	Strong anion exchanger		
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:	2 hydoxypropyl trimethylammoniumchlorid		
Autoclaved:	Yes		
Storage Buffer / Solution:	ddH_2O		
Storage:	RT, after opening at 4 – 8 °C. **Do not freeze!**		
Expiry Date:	Two years after production date.		
Note:	**For complete resuspension vortex thoroughly!**