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## Product Information – SiMAG-Sulfon

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Product:	<b>SiMAG-Sulfon</b>		
Article Number:	1202-1 (1 ml) ; 1202-5 (5 ml)		
Description:	Aqueous dispersion of magnetic silica particles		
Application:	Strong cation 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 <sup>13</sup> /g	4.2 x 10 <sup>12</sup> /g	1,8 x 10 <sup>12</sup> /g
Surface Area:	~ 50 m <sup>2</sup> /g		
Density:	~ 2,25 g/cm <sup>3</sup>		
Type of Magnetization:	Superparamagnetic		
Functional Group:	Sodium Sulfonate, R-SO <sub>3</sub> <sup>-</sup> Na <sup>+</sup>		
Storage Buffer:	ddH <sub>2</sub> O		
Autoclaved:	Yes		
Storage:	4 – 8 °C; <b>do not freeze</b>		
Expiry date:	Two years after production date.		
<b>Note:</b>	<b>For complete resuspension vortex thoroughly!</b>		

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