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## Product Information – SiMAG-Con A

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Product:	<b>SiMAG-Con A</b>
Article Number:	1506-1 (1 ml); 1506-5 (5 ml)
Description:	Aqueous dispersion of magnetic silica particles
Application:	For purification of glycoproteins containing $\alpha$ -D-mannose, $\alpha$ -D-glucose or other sterically related residues.
Weight of Volume:	10 mg/ml
Production Date:	
Lot:	
Core:	Maghemite
Matrix:	Silica, non-porous
Size approx.:	1 $\mu$ m
Number of Particles:	$\sim 1.8 \times 10^{12}/g$
Surface Area:	$\sim 50 \text{ m}^2/g$
Density:	$\sim 2.25 \text{ g/cm}^3$
Type of Magnetization:	Superparamagnetic
Functional Group:	Concanavalin A
Autoclaved:	No
Storage Buffer:	100 mM NaHCO <sub>3</sub> , 5 mM NaCl, 1 mM MgCl <sub>2</sub> , 1 mM MnCl <sub>2</sub> , 1 mM CaCl <sub>2</sub> , pH 8.5 <b>Note:</b> Before use wash the beads twice with 1 ml 5 mM NaCl
Storage:	At 4 – 8 °C. <b>Do not freeze!</b>
Expiry date:	Six months after production date
<b>Note:</b>	<b>For complete resuspension vortex thoroughly!</b>

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