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## **Product Information – SiMAG-Octadecyl (C18)**

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Product:	<b>SiMAG-Octadecyl (C18)</b>
Article Number:	1301-1; 1301-5
Description:	Aqueous dispersion of magnetic silica particles
Application:	For purification of proteins
Lot Number:	
Production Date:	
Weight of Volume:	50 mg/ml
Core:	Maghemite
Matrix:	Silica, non-porous
Size (hydrodynamic diameter):	1.0 $\mu\text{m}$
Number of Particles:	$1.8 \times 10^{12}/\text{g}$
Surface Area:	$\sim 50 \text{ m}^2/\text{g}$
Density:	$\sim 2.25 \text{ g}/\text{cm}^3$
Type of Magnetization:	Superparamagnetic
Functional Group:	Octadecyl
Storage Buffer / Solution:	ddH <sub>2</sub> O
Storage:	At 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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