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**Product Information – fluidMAG-PAS**

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Product:	<b>fluidMAG-PAS</b>		
Article Number:	4110-1 (1 ml) ; 4110-5 (5 ml)		
Description:	Aqueous dispersion of magnetic nanoparticles		
Application:	Weak cation exchanger; for chemical surface modification		
Weight of Volume:	25 mg/ml		
Production Date:			
Lot:			
Core:	Magnetite		
Matrix:	Polyacrylic acid		
Size approx.:	50 nm	100 nm	200 nm
Number of Particles:	$\sim 1.3 \times 10^{16}/g$	$\sim 1.8 \times 10^{15}/g$	$\sim 2.2 \times 10^{14}/g$
Density:	$\sim 1.25 \text{ g/cm}^3$		
Type of Magnetization:	Superparamagnetic		
Functional Group:	Sodium carboxylate , $-\text{COO}^- \text{Na}^+$		
Autoclaved:	Yes		
Storage Buffer:	ddH <sub>2</sub> O		
Storage:	4 – 8 °C. <b>Do not freeze!</b>		
Expiry date:	Two years after production date		

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