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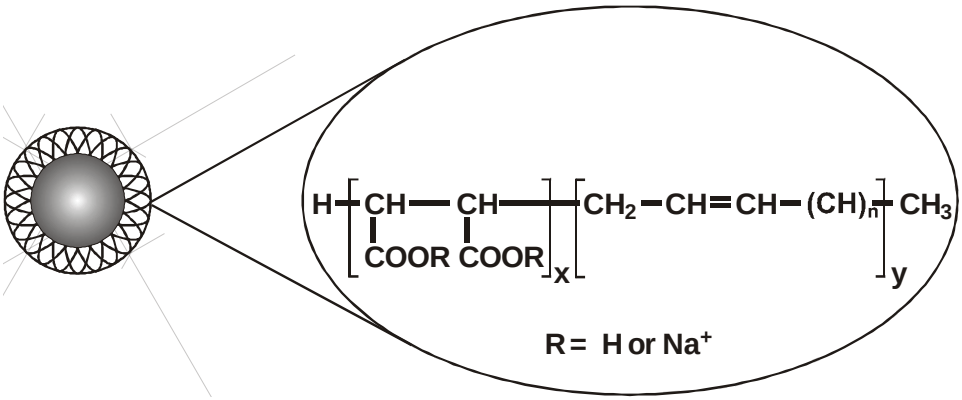
Product Information – fluidMAG-PMO

Product:	**fluidMAG-PMO**		
Article Number:	4124-1 (1 ml); 4124-5 (5 ml)		
Description:	Aqueous dispersion of magnetic nanoparticles		
Application:	For hydrophilic / hydrophobe interaction		
Weight of Volume:	25 mg/ml		
Lot:			
Production Date:			
Core:	Magnetite		
Matrix:	Poly(maleic acid-co-olefin) (MW ~ 12000)		
Size (hydrodynamic diameter):	50 nm	100 nm	200 nm
Number of Particles:	1.3×10^{16}/g	~ 1.8×10^{15}/g	~ 2.2×10^{14}/g
Density:	~ 1,25 g/cm^3		
Type of Magnetization:	Superparamagnetic		
Functional Group:	maleic acid sodium salt, olefine		
Autoclaved:	Yes		
Storage Buffer:	ddH_2O		
Storage:	4 – 8 °C. **Do not freeze!**		
Expiry date:	Two years after production date