
Product Information – fluidMAG-Casein

Product:	fluidMAG-Casein	
Article Number:	4206-1 (1 ml); 4206-5 (5 ml)	
Description:	Aqueous dispersion of magnetic nanoparticles	
Application:	For purification or binding of enzymes	
Weight of Volume:	10 mg/ml	
Lot:		
Production Date:		
Core:	Magnetite	
Matrix:	Casein, Sodium	
Size (hydrodynamic diameter):	100 nm	200 nm
Number of Particles:	$\sim 1.8 \times 10^{15}/g$	$\sim 2.2 \times 10^{14}/g$
Density:	$\sim 1.25 \text{ g/cm}^3$	
Type of Magnetization:	Superparamagnetic	
Functional Group:	α -Casein	
Storage Buffer:	Sterile water (ddH ₂ O)	
Autoclaved:	Yes	
Storage:	4 – 8 °C. Do not freeze!	
Expiry date:	One year after production date	

