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## **Product Information – fluidMAG-Casein**

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Product:	<b>fluidMAG-Casein</b>	
Article Number:	4206-1 (1 ml); 4206-5 (5 ml)	
Description:	Aqueous dispersion of magnetic nanoparticles	
Application:		
Weight of Volume:	10 mg/ml	
Production Date:		
Lot:		
Core:	Magnetite	
Matrix:	Casein, Sodium	
Size approx.:	100 nm	200 nm
Number of Particles:	~ 1.8 x 10 <sup>15</sup> /g	~ 2.2 x 10 <sup>14</sup> /g
Density:	~ 1.25 g/cm <sup>3</sup>	
Type of Magnetization:	Superparamagnetic	
Functional Group:	α-Casein	
Storage Buffer:	Sterile water (ddH <sub>2</sub> O)	
Autoclaved:	Yes	
Storage:	4 – 8 °C. <b>Do not freeze!</b>	
Expiry date:	One year after production date	

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