
Product Information – SiMAG-Benzamidine

Product:	SiMAG-Benzamidine
Article Number:	1502-1 (1 ml); 1502-5 (5 ml)
Description:	Aqueous dispersion of magnetic silica particles
Application:	For purification of Trypsin and serine proteases, urokinases, plasminogen activators
Lot Number:	
Production Date:	
Weight of Volume:	10 mg/ml
Core:	Maghemite
Matrix:	Silica, non-porous
Size Approx.:	1 μm
Number of Particles:	$\sim 1.8 \times 10^{12}/\text{g}$
Surface Area:	$\sim 50 \text{ m}^2/\text{g}$
Density:	$\sim 2.25 \text{ g}/\text{cm}^3$
Type of Magnetization:	Superparamagnetic
Functional Group:	Benzamidine
Binding capacity:	2 – 5 mg trypsin per ml
Autoclaved:	No
Storage Buffer / Solution:	ddH ₂ O, 0.05 % sodium azide
Storage:	At 4 – 8 °C. Do not freeze!
Expiry Date:	One year after production date
Note:	For complete resuspension vortex thoroughly!

