
Product Information – SiMAG-DEAE

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|----------------------------|---|---------------------------|---------------------------|
| Product: | SiMAG-DEAE | | |
| Article Number: | 1203-1 (1 ml) ; 1203-5 (5 ml) | | |
| Description: | Aqueous dispersion of magnetic silica particles | | |
| Application: | Weak anion exchanger | | |
| Lot Number: | | | |
| Production Date: | | | |
| Weight of Volume: | 50 mg/ml | | |
| Core: | Magnetite | | |
| Matrix: | Silica, non porous | | |
| Size Approx.: | 0.5 µm | 0.75 µm | 1.0 µm |
| Number of Particles: | ~ 1.5 x 10 ¹³ /g | 4.2 x 10 ¹² /g | 1.8 x 10 ¹² /g |
| Surface Area: | ~ 50 m ² /g | | |
| Density: | ~ 2.25 g/cm ³ | | |
| Type of Magnetization: | Superparamagnetic | | |
| Functional Group: | Diethylaminoethyl, -CH ₂ CH ₂ N ⁺ H(CH ₂ CH ₃) ₂ | | |
| Autoclaved: | Yes | | |
| Storage Buffer / Solution: | ddH ₂ O | | |
| Storage: | At 4 – 8 °C. Do not freeze! | | |
| Expiry Date: | Two years after production date. | | |
| Note: | For complete resuspension vortex thoroughly! | | |

