

Absolute Mag™ Amine Magnetic Particles, Ferromagnetic

Cat.No: WHM-S008

DESCRIPTION

Description Absolute Mag™ Amine Magnetic Particles, Ferromagnetic (# WHM-S008) are prepared using chromium dioxide coated onto uniform polystyrene particles. These particles retain magnetism once exposed to a magnetic field. The particles can be demagnetized and re-magnetized repeatedly and reproducibly. Exhibiting a higher magnetic moment than paramagnetic particles, ferromagnetic particles have been used for magnetic twisting cytometry, microfluidics, and cellular labeling.

APPLICATION

Application Notes Ferromagnetic particles have been used for studying mechanotransduction across the cell surface and through the cytoskeleton by binding ferromagnetic particles to cell surface receptors and applying mechanical stress directly to the receptor using a device to twist the magnetic particle on the cell surface.

PRODUCT INFORMATION

Particle Size 4.0-4.5 μm

Functional Group Amine

Concentration 1.0% w/v

Type Magnetization Paramagnetic

Matrix Polystyrene



STORAGE AND SHIPPING

Storage Room temperature, do not freeze.
