



Absolute Mag™ HPTA Magnetic Particles, 0.75 µm

Cat.No: WHM-C022

DESCRIPTION

Description Absolute Mag™ HPTA Magnetic Particles, 0.75 µm (# WHM-C022) are aqueous dispersion of magnetic silica particles containing 2 hydroxypropyl trimethylammoniumchlorid (HPTA). They are reversibly to charged groups of biomolecules and can be eluted with salt- or pH-gradient. This superparamagnetic particles are widely used as strong anion exchanger. Anion-exchange magnetic particles bind selectively to the negatively charged membrane groups of cells, bacteria or viruses which can be separated by magnetic forces.

APPLICATION

Application Notes Absolute Mag™ HPTA Magnetic Particles, 0.75 µm are ideal for separation of antibodies, proteins or peptides.

PRODUCT INFORMATION

Particle Size	0.75 µm
Functional Group	2 hydroxypropyl trimethylammoniumchlorid
Surface Coating	Silica
Concentration	50 mg/mL
Number of Particles	4.2 x 10 ¹² particles/g
Type Magnetization	Superparamagnetic
Ion Exchanger Type	Strong anion-exchanger
Surface Area	~ 50 m ² /g
Core	Maghemite

STORAGE AND SHIPPING

Storage Buffer	ddH ₂ O, autoclaved
Storage	4–8 °C. Do not freeze!
Shelf Life	Two years after production date.