

## Absolute Mag™ Amine Magnetic Particles, 100 nm

Cat.No: WHM-X014

### DESCRIPTION

<b>Description</b>	Absolute Mag™ Amine Magnetic Particles, 100 nm (# WHM-X014) are uniform and superparamagnetic beads with a biocompatible polymer layer and pre-blocked by BSA layer on top of biocompatible polymer. The layer of BSA coating makes our magnetic particles an ideal platform for ligands immobilization with significant low non-specific binding.
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### APPLICATION

<b>Application Notes</b>	In terms of conjugation of our amine functionalized magnetic particles and targeted proteins/ligands, we recommend our customer to use BS3 or SMCC as cross-linker, other than EDC/NHS chemistry, due to possible aggregation.
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### PRODUCT INFORMATION

<b>Particle Size</b>	100 nm
<b>Functional Group</b>	Amine
<b>Concentration</b>	10 mg/mL
<b>Number of Particles</b>	$1.3 \times 10^{12}$ particles/mL
<b>Bead Magnetic Content</b>	>80%
<b>Surface Group Density</b>	1 mmol/g

### STORAGE AND SHIPPING

<b>Storage Buffer</b>	DI water, 0.05% $\text{NaN}_3$ , 0.01% Tween 20
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<b>Storage</b>	Store at 2-8°C. Do not freeze.
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<b>Shelf Life</b>	> 12 months
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