

DESCRIPTION

Meet the newest addition to our family of magnetic particles—Magnefy™ ~1µm carboxylated superparamagnetic microspheres. As high surface area / high surface titer microparticles with a rapid separation profile, Magnefy offer an additional performance-driven solid phase for magnetic particle-based assays and isolations, particularly SPRI-based total DNA isolation.

Magnefy particles comprise a synergistic system featuring ~1µm spheroid particles with tremendous surface area for assays and isolations. The Magnefy system offers uniform magnetic separations, and is scaleable and automation-friendly.

CHARACTERISTICS

Mean Diameter: ~1µm
 Functionality / Surface: COOH, ~500µeq/g
 Concentration: 5% solids (50mg/mL) in DI water + 0.05%NaN₃
 Magnetite: ~40%

STORAGE AND STABILITY

Store at 2-8°C. Freezing of particles may result in irreversible aggregation and loss of binding activity. Ensure that the susension is well dispersed prior to use, as particles are expected to settle during storage.

SAFETY

All particle suspensions contain sodium azide. Sodium azide may react with lead and copper plumbing to form explosive metal azides. Upon disposal of material, flush with a large volume of water to prevent azide accumulation. Please consult the Safety Data Sheet for more information.

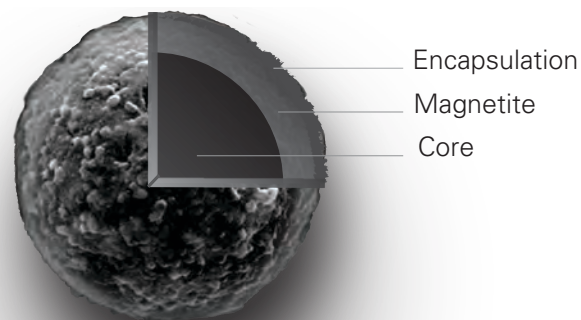
RELATED LITERATURE

Magnefy™ New Product Development: Magnetic Particle Characterization & QC Nucleic Acid Isolations & Assays Brochure

This product is for research use only and is not intended for use in humans or for *in vitro* diagnostic use.

ORDERING INFORMATION

Cat. Code	Description	Size
MFY0001	Magnefy™ • COOH	5, 10, 25 or 100mL



Magnetic Separation

