



# Technical data sheet 0503

## magMP-NH<sub>2</sub>

magMP-NH<sub>2</sub> is a family of magnetic microparticles coated with primary amine-functionalised polymeric shell.

Magnetic separation techniques are becoming increasingly important with a wide range of possible applications in the biosciences thanks to their potential application in cell isolation, enzyme immobilization, protein separation and pre-concentration of targets from crude samples in a rapid way.

The unique and attractive property of magnetic carrier materials is that they can readily be isolated from sample solutions by the application of an external magnetic field. This also makes biomagnetic separation ideal for automated assay/analysis systems which will play a very important role in the near future.

Should any of our materials fail to perform to our specifications, we will be pleased to provide replacements or return the purchase price. We solicit your inquiries concerning all needs for life sciences work. The information given in this bulletin is to the best of our knowledge accurate, but no warranty is expressed or implied. It is the user's responsibility to determine the suitability for their own use of the products described herein, and since conditions of use are beyond our control, we disclaim all liability with respect to the use of any material supplied by us. Nothing contained herein shall be construed as a recommendation to use any product or to practice any process in violation of any law or any government regulation.



#### UK & Rest of World

184 Milton Park, Abingdon  
OX14 4SE, Oxon, UK  
Tel: +44 (0) 1235 828 200  
Fax: +44 (0) 1235 820 482

#### Switzerland

Centro Nord-Sud 2E  
CH-6934 Bioggio-Lugano  
Tel: +41 (0) 91 604 55 22  
Fax: +41 (0) 91 605 17 85

#### Deutschland

Bockenheimer Landstr. 17/19  
60325 Frankfurt/Main  
Tel: +49 (0) 69 779099  
Fax: +49 (0) 69 13376880

#### North America

23591 El Toro Rd, Suite #180  
Lake Forest, CA 92630  
Tel: +1 800 987 0985  
Fax: +1 949 265 7703

**amsbio**

info@amsbio.com

www.amsbio.com  
AMS Biotechnology

Total amination degree	Surface density of accesible –NH <sub>2</sub>
350 µmol NH <sub>2</sub> /g	10 µmol NH <sub>2</sub> /g

## Characteristics

Particles composition:  
Polyurethane  
5% w/w magnetite.

Mean diameter particle:  $\approx 3 \mu\text{m}$

Packaging: 5 mL of 5% solids (w/v)  
aqueous suspensions free of surfac-  
tants.

## Storage and Stability

Store at 4-8°C. **Do not freeze!**

## Ordering information

Reference	Description	Size
05-03-30	magMP-NH <sub>2</sub>	5 mL

***Shake before using***

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

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AMS Biotechnology