

Technical data sheet 0503

magMP-NH₂

magMP-NH₂ 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

| | |
|-------------------------------|---|
| Total amination degree | Surface density of accesible –NH₂ |
| 350 µmol NH ₂ /g | 10 µmol NH₂/g |

Characteristics

Particles composition:
Polyurethane
5% w/w magnetite.

Mean diameter particle: \approx 3 µm

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!**

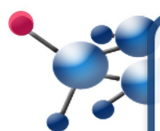
Ordering information

| Reference | Description | Size |
|-----------|-----------------------|------|
| 05-03-30 | magMP-NH ₂ | 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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amsbio

info@amsbio.com

www.amsbio.com
AMS Biotechnology