



MagP[®]-NH₂ are **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.

Technical data sheet 0503

MagP[®]-NH₂

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.

Characteristics

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

Particle 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	MagP [®] -NH ₂	5 mL

To order:

sales@nanomyp.com

www.nanomyp.com

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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