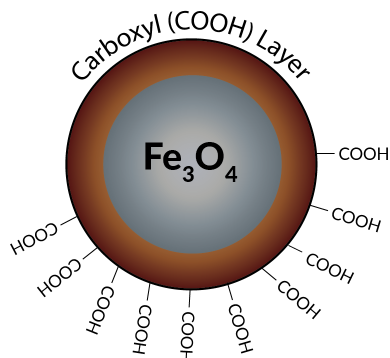




PRODUCT DATA SHEET

Magnetic Beads - Carboxyl Coated



Physicochemical properties and Specifications

PARAMETER	VALUE
Diameter:	~ 500 nm
PDI:	0.05 – 0.15
Zeta potential:	-37.8 mV
Shelf life:	3 years
Storage buffer:	1X PBS (pH 7.4) with 0.02% sodium azide
Storage conditions:	2-8 °C
Shipping conditions:	Ambient temperature

Features

- **Conjugation ready:** COOH groups on the magnetic beads can be reacted with NH_2 groups to covalently load proteins, small molecules, or DNA / RNA onto the beads.
- High monodispersity.
- Stable in high salt conditions.
- Fast response to a magnet.

Applications

- Magnetic separation of DNA, RNA, proteins, antibodies, cells and small molecules from complex samples.
- NH_2 containing proteins, small molecules, DNA / RNA can be covalently attached to the carboxyl groups on the bead surface through EDC/NHS reactions.

Storage and Handling

For long-term storage (>1 month), store the product at 2-8°C. For shorter periods (<1 week) product can be stored at room temperature. **DO NOT FREEZE.** Freezing will cause aggregation of the magnetic beads and loss of binding capacity.

Vortex briefly prior to use to resuspend Magnetic Beads.

Ordering Information

Thomas No.:	CHM11N922
Mfr. No.:	MGB-COOH-10-10
Product Description:	Carboxyl-Coated Magnetic Beads
Concentration:	10 mg/ml
Volume:	10 mL

