

## Product Data Sheet

### MagSERION amine beads

Product description	MagSERION amine beads Amine functionalized superparamagnetic microspheres
Order No.	031MPSS
Lot No.	Lot specific
Mass concentration	Lot specific
Bead concentration	Lot specific
Storage buffer	Contains 0.02 %Vol. Tween™ 20 and 0.1 %Vol. ProClin™ 950
Preservatives	0.1 %Vol. ProClin™ 950
Appearance	Brown dispersion (Particles may sediment, mix thoroughly or apply mild sonication before use.)
Storage	2 – 8 °C (shipment at room temperature) Do not freeze.
Expiry date	36 months from date of manufacture (under recommended storage conditions)
Manufacturer	Institut Virion\Serion GmbH, Germany

*For research or manufacturing use only. Not for use in diagnostic procedures.*

#### Analysis:

Test	Method	Specification
Bead size	Coulter counter principle	Mean diameter 2.8 µm – 3.2 µm
Bead size distribution	Coulter counter principle	Coefficient of variation <10 %
Magnetic separation	Time dependent turbidity change in a defined magnetic field	Half-value time to clearance <20 s
Functional group assay	Amine group specific activation, protein coupling, detection by flow cytometry	Signal above product specific threshold

Date: 2023-12-21