

micromod Partikeltechnologie GmbH

Friedrich-Barnewitz-Str. 4
D-18119 Rostock
Germany

fon: +49 381 / 54 34 56 10
fax: +49 381 / 54 34 56 20
e-mail: info@micromod.de



Technical Datasheet

Product-No.:	59-00-603
Product-Name:	sicastar® -M -CT
surface:	plain
size:	6 µm
solid content:	50 mg/ml
quantity:	10 ml
Composition:	magnetic silica particles
Cluster size:	3 - 10 µm with a mean diameter of 6 µm
Shape:	cluster-typed
Density:	2.5 g/ccm
Magnetization:	6.0 emu/g particles (H =1000 Oe)
Saturation magnetization:	> 9.0 emu/g particles (H > 10.000 Oe)
Stable in:	aqueous buffers pH > 3, organic solvents
Not stable in:	hydrofluoric acid, strong basic media, e.g. 6 M NaOH
Product form:	aqueous suspension
Surface charge density:	4.5 µmol/g
Additional remarks:	Storage at room temperature.
TECHNOTES:	Isolation of plasmid-DNA: 5-10 µg (from 1-1.5 ml overnight culture), OD (260 nm)/ OD (280 nm) > 1.9