



80 Webster Street
Worcester, MA 01603 (USA)
TEL: 508-770-1190

Web Site: BioPAL.com
e-mail: cs@BioPAL.com

Product Data Sheet

Product Name:	Molday ION CLIOH
Catalog Number:	CL-30Q02-5
Description:	Stable aqueous suspension of iron-based superparamagnetic nanoparticles (USPIO)
Packaging:	2 ml sealed serum bottle
Volume:	2.0 ml
Weight of Iron:	5 mg Fe/ml
Mean Particle Size:	30 nm
Core:	Magnetite
Mean Core Size:	8 nm
Coating:	Crosslinked dextran
Number of Particles:	~6.5E16 per g
Density:	~1.25 g/cm ³
Zeta Potential:	~ 0 mV
Blood Half-Life:	Several hours - model dependent
Functionality	Neutral Surface
Storage Buffer:	dH ₂ O
Autoclaved:	No
Long-Term Storage:	4 °C - Do not freeze!
Expiration Date:	None
