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## Product Data Sheet

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Product Name:	Molday ION (-)
Catalog Number:	CL-30Q02-6
Description:	Stable aqueous suspension of iron-based superparamagnetic nanoparticles (USPIO)
Application:	MRI contrast agent used primarily to label following treatment with Poly-L-Lysine
Packaging:	2 ml sealed serum bottle
Volume:	2.0 ml
Weight of Iron:	10 mg Fe/ml
Mean Particle Size:	30 nm
Core:	Magnetite
Mean Core Size:	8 nm
Coating:	Dextran
Number of Particles:	~2.2E17 per g
Density:	~1.25 g/cm <sup>3</sup>
Zeta Potential:	~ -15 mV
Functionality	Hydroxyl
Storage Buffer:	dH <sub>2</sub> O
Functionality:	Hydroxyl
Autoclaved:	No
Long-Term Storage:	4 °C - <b>Do not freeze!</b>
Expiration Date:	None

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