



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

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

Product Data Sheet

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|----------------------|---|
| Product Name: | Molday ION - Aminodextran |
| Catalog Number: | CL-20Q02-3 |
| Description: | Stable aqueous suspension of iron-based superparamagnetic nanoparticles (USPIO) |
| Application: | MRI contrast agents used primarily for vascular imaging |
| Packaging: | 2 ml sealed serum bottle |
| Volume: | 2.0 ml |
| Weight of Iron: | 10 mg Fe/ml |
| Mean Particle Size: | 20 nm |
| Core: | Magnetite |
| Mean Core Size: | 8 nm |
| Coating: | Dextran |
| Number of Particles: | ~2.2E17 per g |
| Density: | ~1.25 g/cm ³ |
| Zeta Potential: | ~+14 mV |
| Functionality | Amine |
| Storage Buffer: | dH ₂ O |
| Autoclaved: | No |
| Long-Term Storage: | 4 °C - Do not freeze! |
| Expiration Date: | None |
