



CERTIFICATE OF ANALYSIS

Product:	Suspension of dextran coated iron oxide nanoparticles for cell tracking, magnetic particle imaging and small animal imaging following intravascular injection
Trade Name(s):	Mvivo USPIO
Catalog number:	USPIO-106-10
Core particle size:	6 nm \pm 2nm
Z-Average (DLS):	155
PDI (DLS)	0.163
Z-Potential:	-1.76 (+/- 1.0) mV
Concentration:	10 mg per ml
Particles/ml:	$\sim 1E+15$
Storage buffer:	PBS
Polydispersity Index (PDI):	0.153

Briefly vortex the particles before use.

Store product at 4 to 8 °C. Do NOT FREEZE. If Frozen, Mvivo Au will irreversibly aggregate. When stored as specified the colloidal gold is stable for at least one year from date of manufacture.

Release Date:

Approved by: _____

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