Table 1. $NiCl_2$ T_1 contrast spheres values at 1.5 T for serial numbers 0001-0041 (batch #1). Measured at 20°C.

	Nominal Concentration, $NiCl_2$ (+/- 5% mM)	T_1 (ms)	T_1 Standard Deviation, SD_{3R} (ms)	T_2 (ms)	T_2 Standard Deviation, SD_{3R} (ms)
$NiCl_2$-1	0.299	2033	4.6	1669	0.5
$NiCl_2$-2	0.623	1489	1.4	1244	0.6
$NiCl_2$-3	1.072	1012	0.2	859.3	0.17
$NiCl_2$-4	1.720	730.8	1.10	628.5	0.13
$NiCl_2$-5	2.617	514.1	0.06	446.3	0.11
$NiCl_2$-6	3.912	367.9	0.66	321.2	0.30
$NiCl_2$-7	5.731	260.1	0.04	227.7	0.07
$NiCl_2$-8	8.297	184.6	0.02	161.9	0.06
$NiCl_2$-9	11.936	132.7	0.02	117.1	0.03
$NiCl_2$-10	17.070	92.7	0.09	81.9	0.02
$NiCl_2$-11	24.326	65.4	0.10	57.7	0.02
$NiCl_2$-12	34.590	46.32	0.010	41.0	0.01
$NiCl_2$-13	49.122	32.45	0.012	28.7	0.03
$NiCl_2$-14	69.680	22.859	0.0437	20.2	0.01

Table 2. $NiCl_2$ T_1 contrast spheres values at 3.0 T for serial numbers 0001-0041 (batch #1). Measured at 20°C.

	Nominal Concentration, $NiCl_2$ (+/- 5% mM)	T_1 (ms)	T_1 Standard Deviation, SD_{3R} (ms)	T_2 (ms)	T_2 Standard Deviation, SD_{3R} (ms)
$NiCl_2$-1	0.299	1989	1.0	1465	1.0
$NiCl_2$-2	0.623	1454	2.5	1076	1.8
$NiCl_2$-3	1.072	984.1	0.33	717.9	1.12
$NiCl_2$-4	1.720	706	1.5	510.1	1.36
$NiCl_2$-5	2.617	496.7	0.41	359.6	0.22
$NiCl_2$-6	3.912	351.5	0.91	255.5	0.07
$NiCl_2$-7	5.731	247.13	0.086	180.8	0.04
$NiCl_2$-8	8.297	175.3	0.11	127.3	0.14
$NiCl_2$-9	11.936	125.9	0.33	90.3	0.14
$NiCl_2$-10	17.070	89.0	0.17	64.3	0.05
$NiCl_2$-11	24.326	62.7	0.13	45.7	0.12
$NiCl_2$-12	34.590	44.53	0.090	31.86	0.02
$NiCl_2$-13	49.122	30.84	0.016	22.38	0.02
$NiCl_2$-14	69.680	21.719	0.0054	15.83	0.03