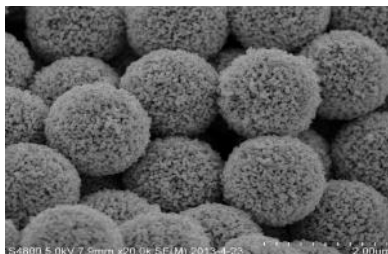
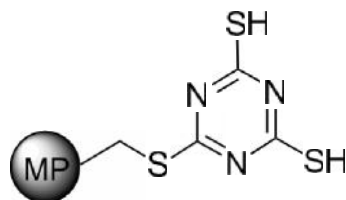


## MP-TMT Highlight - Metal scavenging with resins / silicas in DMF



		Pd(OAc) <sub>2</sub>	CuCl <sub>2</sub> · 2H <sub>2</sub> O	ZnCl <sub>2</sub>	CoCl <sub>2</sub> · 6H <sub>2</sub> O	Ni(OAc) <sub>2</sub> · 4H <sub>2</sub> O	FeCl <sub>3</sub> · 6H <sub>2</sub> O
	Loading (mmol g)	3 eq (ppm)	3 eq (ppm)	3 eq (ppm)	3 eq (ppm)	3 eq (ppm)	3 eq (ppm)
MP Polyamine (Nexgen)	1.71	0	0	0	0	15	0
MP-TMT (Nexgen)	1.51	0	-	-	-	-	-
Polyamine S985 (Competitor 1)	3.1	-	-	-	-	-	-
Polyamine S992 (Competitor 1)	1.52	-	-	-	-	-	-
Polyamine A149 (Competitor 1)	1.7	-	-	-	-	-	-
Polyamine A170 (Competitor 1)	0.8	-	-	-	-	-	-
MP-Thiol S924 (Competitor 1)	7.7	-	-	-	-	-	-
Thiourea S914 (Competitor 1)	2.5	196	-	-	-	-	-
Thiourea TP214 (Competitor 1)	1.68	209	-	-	-	-	-
MP-Iminodiacetic S930 (Competitor 1)	3.21	-	-	-	-	-	-
MP-Aldoxime S910 (Competitor 1)	6.95	-	-	-	-	-	-
Competitor 2 BZA	1.3	562	0	1	0	231	27
Competitor 2 BDZ	1.3	466	697	718	735	353	696
Competitor 2 TU	1.3	646	0	235	307	482	505
Competitor 2 DET	1	1157	1174	1176	1048	849	1033
Competitor 2 IDA	1.3	1429	832	1116	982	441	886
Competitor 2 AMPA	1.3	1279	1220	1044	998	374	836
Competitor 3 DMT	0.62	50	22	310	214	5	442
Competitor 3 Triamine	1.28	53	2	7	0	13	0
Competitor 3 TAAcOH	0.44	68	61	490	244	3	286
Competitor 3 TAAONa	0.45	58	0	1	0	1	0
Competitor 3 Thiol	1.28	52	1226	1151	1129	392	1088
Competitor 3 Thiourea	1.08	44	208	957	946	3	1079
Competitor 3 Imidazole	1.16	60	11	49	53	904	127
Competitor 3 Cysteine	0.35	44	278	197	84	6	20

### Scavenging experimental procedure:

Resins were added to 10mL stock solutions (2000 ppm) of catalyst in DMF at room temperature and stirred for 2 hours.

Rinsed with DMF (3x2mL).

The DMF solutions were analyzed by Atomic Absorption (detection limit: 0.5 ppm)

"0 ppm" means less than the limit of detection (e.g.: 0.5 ppm).

"- ppm" means that the colored solution was still visible and wasn't analyzed.