

Supporting Information

Table I. The influence of reaction precursor and surfactant/precursor ratio on particle size

FeO•OH concentration (M)	OA/FeO•OH	Size (nm)	FeO•OH concentration (M)	OA/FeO•OH	Size (nm)
Series 1 0.0125	1:1	20	Series 3 0.1	1:1	18
	2:1	20		2:1	12
	4:1	20		4:1	2
	6:1	20		6:1	3
	8:1	19		8:1	10
	10:1	10		10:1	22
	15:1	19		12:1	0
	18:1	19		Series 4 0.15	1:1
	20:1	2	2:1		16
	24:1	0	4:1		3
		6:1	5		
Series 2 0.05	1:1	18		8:1	6
	2:1	20		9:1	1
	4:1	18		10:1	0
	6:1	6	Series 5 0.2	1:1	20
	8:1	11		2:1	20
	10:1	18		4:1	18
	11:1	19		6:1	5
	12:1	16		8:1	22
	12.5:1	11		10:1	0
	12.25:1	1			
	13:1	0		-----	-----