Supporting Information

Synthesis of Starch-Grafted Polymethyl Methacrylate via Free Radical Polymerization Reaction and Its Application for the Uptake of Methylene Blue

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Table S1. The synthesis of various St-g-PMMAs

Run	Sample	Step 1					Step 2					Step 3			
		Starch		Water	t_1	T_1	KPS		Water	t_2	T_2	MMA		t_3	T_3
		g	mmol (AGU)	mL	h	℃	mg	mmol	mL	h	℃	mL	mmol	h	℃
1	St-g-PMMA1	1	6.25	50	0.5	60	66.5	0.25	10	0.5	60	2	18.3	2	60
2	St-g-PMMA2	1	6.25	50	0.5	60	117	0.43	10	0.5	60	3.9	37	2	60