

**Table 1** Hydrothermal conditions and morphology of different samples.

Samples		Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
<b>The First-step Hydrothermal Solution</b>	Ga(NO <sub>3</sub> ) <sub>3</sub>	0.2 M	/	0.2 M	/	/
	Deionized water	30 mL	/	30 mL	/	/
	Absolute ethanol	10 mL	/	/	/	30 mL
<b>The Second-step Hydrothermal Solution</b>	Ga(NO <sub>3</sub> ) <sub>3</sub>	0.2 M	0.2 M	0.2 M	0.2 M	0.2 M
	Deionized water	30 mL	30 mL	30 mL	30 mL	30 mL
	Absolute ethanol	/	/	/	10 mL	/
<b>Morphology</b>						