

## **Aminophosphine-based continuous liquid-phase synthesis of InP and InP/ZnS quantum dots in customized tubular flow reactor**

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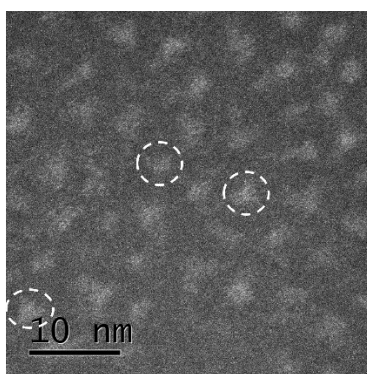
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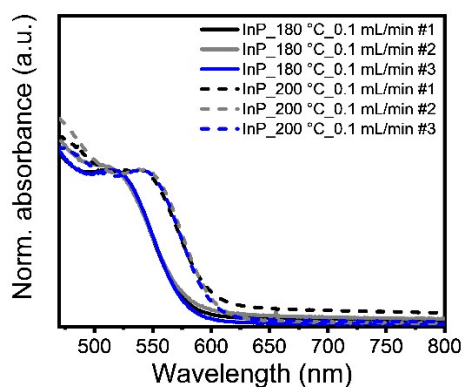
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### **Keywords:**

Quantum dots; Indium phosphide; Continuous flow synthesis; Aminophosphine



**Fig. S1:** TEM images of InP QDs synthesized at 180 °C and 0.1 mL/min.



**Fig. S2:** UV-Vis spectra of InP QDs synthesized at 180 °C and 200 °C from different syntheses (#1 and #2 were synthesized using the same stock solution at different days; #2 and #3 were synthesized using different stock solution).

**Table S1:** Chemical yield and estimated production rate at different temperatures (Flow rate: 0.1 mL/min).

Temperature (°C)	180	200	220
Chemical yield (%)	30.8	73.6	70.0
Estimated production rate (mg/h)	45	107	101

**Table S2:** Chemical yield and estimated production rate at different flow rates (T: 200 °C).

Flow rate (mL/min)	0.3	0.1	0.05
Chemical yield (%)	32.1	73.6	68.6
Estimated Production rate (mg/h)	47	107	100