

## The Effect of Deposition Mechanism on the Properties of Epitaxial PbS Films Grown from Acidic Bath

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### Supplementary Information

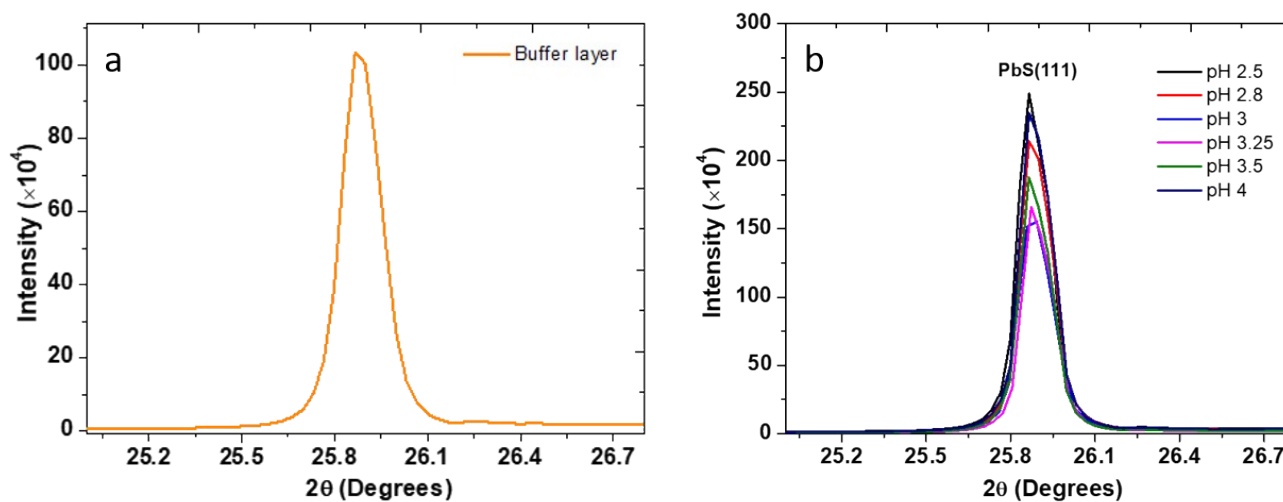


Figure S1. XRD results of (a) PbS buffer layer grown from alkaline bath at 25°C for 5min. (b) PbS films grown at different pH (2.5-4), at 90°C for 90 min.

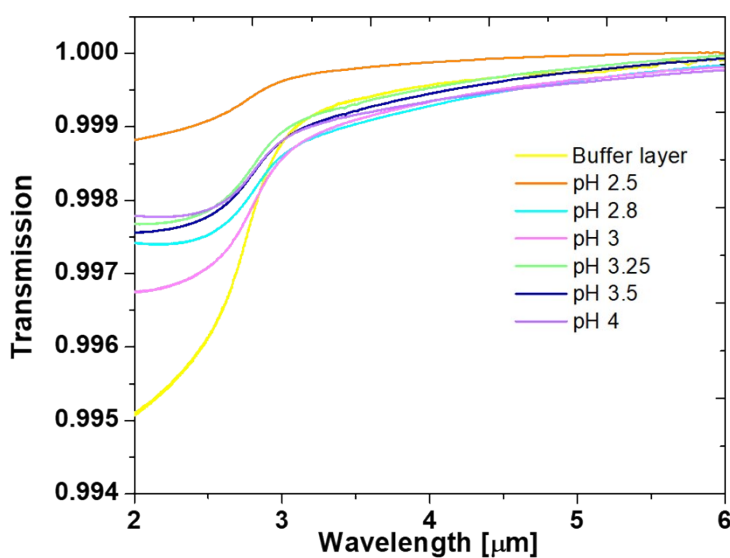


Figure S2. Transmission measurements performed on PbS films grown at various pH.