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Fig. 1. High resolution (120, 000x) images of hexagonal ZnO and 10%Ce³⁺@ZnO



Fig. 2. Comparison of XRD patterns of hexagonal ZnO and $10\%Ce^{3+}@ZnO$. (*) represents the reflections due to hexagonal ZnO while (\blacklozenge) indicate the reflection due to hexagonal Ce₂O₃.



Fig. 3. Comparison of HPLC degradation profiles of 2-CP over hexagonal ZnO and Ce^{3+} @ZnO.