

# Enhanced Solar Light-Driven Photocatalytic Degradation of Tetracycline Using Fe<sup>3+</sup>-Doped CdO/ZnS Nanocomposite: Mechanistic Insights and Performance Evaluation

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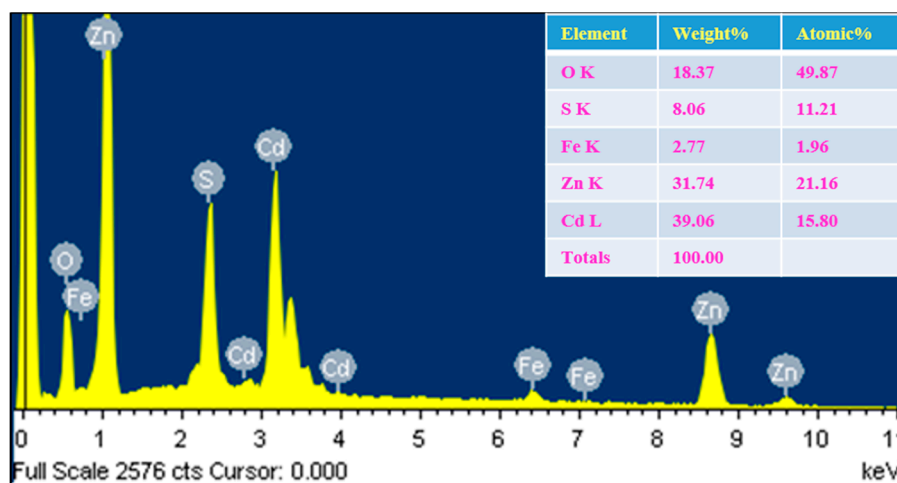
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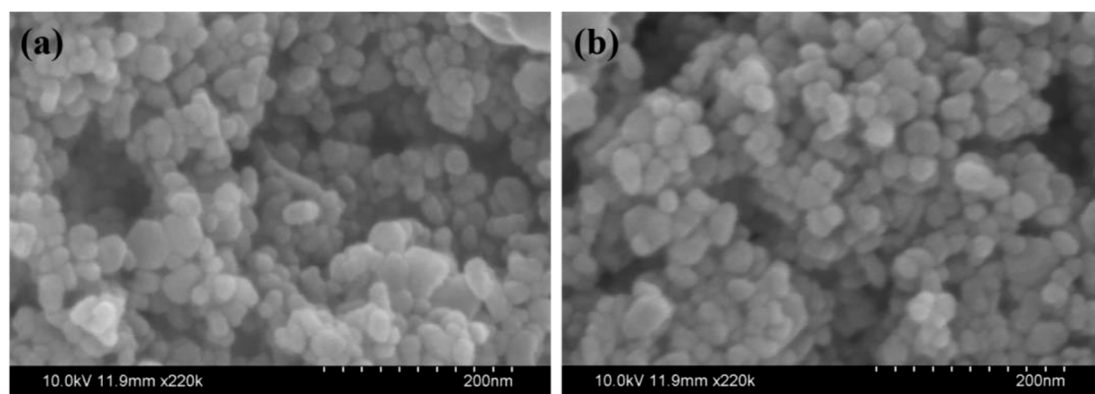
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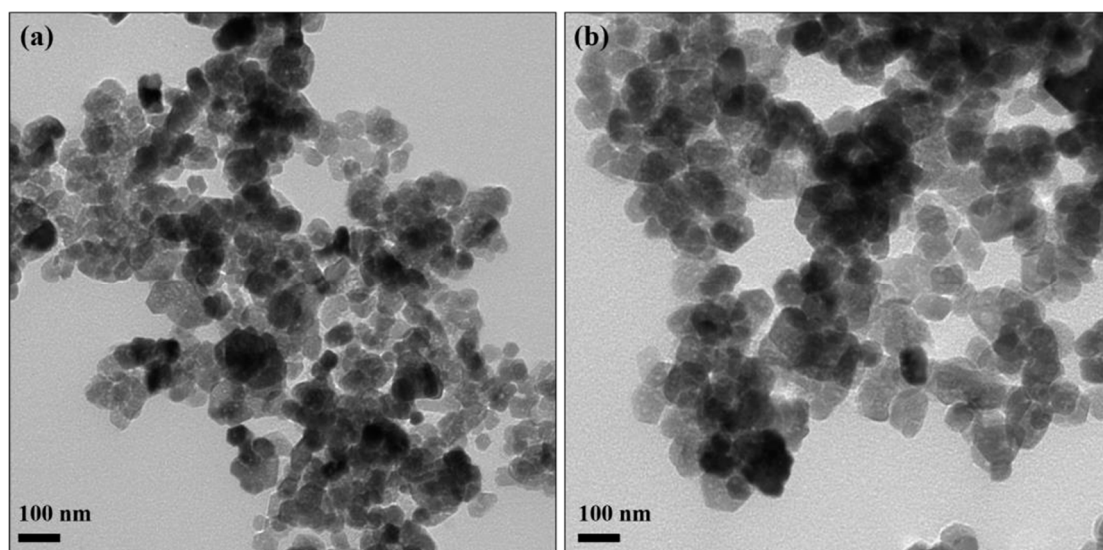
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**Figure S1** Compositional analysis of the Fe<sup>3+</sup>-doped CdO/ZnS nanocomposite.



**Figure S2** SEM images of Fe<sup>3+</sup>-doped CdO/ZnS nanocomposite (a) before and (b) after stability test.



**Figure S3** TEM images of Fe<sup>3+</sup>-doped CdO/ZnS nanocomposite (a) before and (b) after stability test.