**Supplementary material**

Enhanced photocatalytic performance of iron oxides@HTCC fabricated from zinc extraction tailings for methylene blue degradation: Investigation of the photocatalytic mechanism

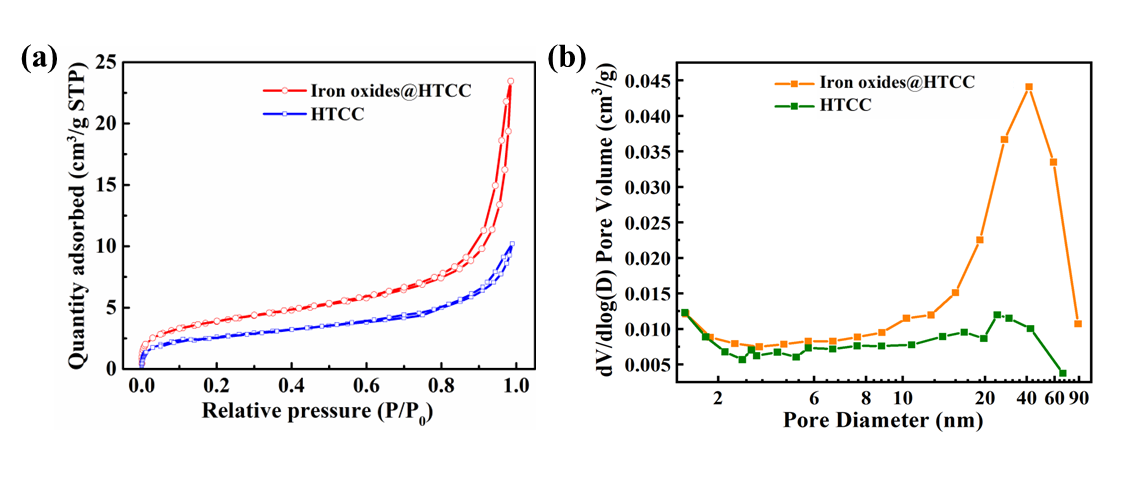
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**Fig. S1. Characterizations of the HTCC and iron oxides@HTCC: (a) N2 adsorption–desorption isotherms; (b) pore size distributions. Reprinted from *Hydrometallurgy*, 217, Y. Xue, X.M. Liu, N. Zhang, S. Guo, Z.Q. Xie, and C.B. Xu, A novel process for the treatment of steelmaking converter dust: Selective leaching and recovery of zinc sulfate and synthesis of iron oxides@HTCC photocatalysts by carbonizing carbohydrates, art. No. 106039, Copyright 2023, with permission from Elsevier.**